

# SEQUENCE LISTING

## SEQUENCE ID NO: 1

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## SEQUENCE ID NO: 4

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76     Leu Gln Glu Phe Pro Trp Val Arg Glu Lys Leu Glu Lys Ala Arg
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 181 His Lys Gly Leu Gln Ala Met Glu Ala Asp Pro Ser Leu Leu Gln  
 196 His Met Leu Glu

SEQUENCE ID NO: 5, PCR primer

5'-TGGAAGCCAGAGACAAGCAG-3'

SEQUENCE ID NO: 6, PCR primer

5' AGAAATGGAAGCCAGAGACAA-3'

SEQUENCE ID NO: 7, PCR primer

5'-CTTTTGACACCTTCCTCGATTTC-3'

SEQUENCE ID NO: 8, PCR primer

5'-CTCAAACCACAGGCCTCCGGA-3'

SEQUENCE ID NO: 9, murine Socs2 locus

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DEFINITION	Mus musculus Cish2 gene, complete sequence.				
ACCESSION	AF292933				
KEYWORDS	.				
SOURCE	house mouse.				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;				
	Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;				
Mus.					
REFERENCE	1 (bases 1 to 13908)				
AUTHORS	Horvat, S. and Medrano, J.F.				
TITLE	A 500-kb YAC and BAC contig encompassing the high-growth deletion				
	in mouse chromosome 10 and identification of the murine				
Raidd/Cradd	gene in the candidate region				
JOURNAL	Genomics 54 (1), 159-164 (1998)				
MEDLINE	99026139				
PUBMED	9806843				
REFERENCE	2 (bases 1 to 13908)				
AUTHORS	Horvat, S. and Medrano, J.F.				
TITLE	Lack of expression of Socs2 causes the high growth phenotype in mice				
JOURNAL	Unpublished				
REFERENCE	3 (bases 1 to 13908)				
AUTHORS	Wong, M.L. and Medrano, J.F.				
TITLE	Direct Submission				
JOURNAL	Submitted (01-AUG-2000) Department of Animal Science,				
University of	California, Davis, One Shields Avenue, Davis, CA 95616, USA				
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8161	tgactttttac	aagttgcact	cattactttg	agtlgtaggt	gtacatttcc	atgctaataa
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8281	acatttaact	gcttgccctc	aaataaggcc	cacacctgct	ctatgtgttt	lagaaaagcat
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13021	agttgcagag	aatggatatic	cttcaagctc	ttattttttt	ttaatgatat	attttatgta
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13141	acacattcat	gtagatacc	agaaaagacc	agaagaagat	gtcagattat	ggttctgagc
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13261 tgtcagagcc atctctctctg tccccatcca caagtcttgg gaccaaggcc taataaatca
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13741 actccctggg tggtaggact tagaggtgaa gagtggagga tgtgtggcgg gcaggcagga
13801 agcagggtgc tgggagagga gtggagaggc agacaagatg ttcaagtttg tcaccgggct
13861 cagattttgt ccagatttgt tccagattaa ttggagctc tgggtctg
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SEQUENCE ID NO: 10, exon 2 probe

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4501 AGTGTCTGCG AGAGACTTTG CCACACCATT CTGCCGGAAT TTGGAGAAAA AGAACCAGCC
4561 GCTTCCAGTC CCTCCCCCT CCGCCACCAT TTCGGACACC CTGCACACTC TCGTTTTGGG
4621 GTACCTGTG ACTTCCAGG

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SEQUENCE ID NO: 11, exon 3 probe

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6929 CTCGCCATTA ACAAATGTAC CGGTACGATC TGGGGACTGC CTTTACCAAC AAGACTAAAA
6989 GATTACTTGG AAGAATATAA ATTCCAGGTA TAAGTATTTT TCTCTCTTTT TCGTTTTTTT
7049 TTAAAAA AAAAACACA TGCCTCATAT AGACTATCTC CGAATGCAGC TAT

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SEQUENCE ID NO: 12, 3' Sdcs2 probe

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11185 GGAATTCAAG TCTACTTGA TTAGGTAAAC TGACAGATTT AGGGTCCTTA GGATTAAGTC
11245 TGTGTCTGTT TCTCTTTAGT TCTCTTCAGG ATTTAAAAAC CAAAGCCAGT TCCTAACACC
11305 ACATTTCAAC ACTTTAAAAA AAAAAAAAAA AAAAAAACTT GTTTATTTAA ACAACCGTAG
11365 GCTCCTTACT TGCTAGTTTA TGCTCTATTG GGAAGGAAGA AAGACAGCCC TTCTTTAGCT
11425 TGTTTTGTTGC TGAGGGCAAT CCTTGCACCT TCGGTTTGGT CTTCTCATTC TCTTCTGCTG
11485 CCCTGGAAGA TTTTCTCCAG TTTCCCTCT ATGTGGTTTC AGAGTAAGTC ACCTTACCTC
11545 GCACTCAGCT TAAGGGACAG CTGTTGTTGG AGTCAGCCTC TAAAAGCCCC GTTTGTCCCA
11605 AATGCCTGAC TAGCGGGTCA GCTGAAGCAG TCATTGTGGT CTTCTACCC ACCCTGTCCT
11665 CAGCTCTGTC CACAAGGGAG GTCTGAGCTG CCAAGTCTGA CGGGGGACTC ACTTCCATAA
11725 ACATTTACTG AGCCATAAAA ATAAACTGC TTTTATAGAC AACTCTCACT TTGAACCTCA
11785 TTCTTCACTT GGAGAAGAAG GCGCTGCCC

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SEQUENCE ID NO: 13, HG deletion breakpoint 5' primer

5'-CTGGGCTCATTCTTGGAAATG-3'

SEQUENCE ID NO: 14, HG deletion breakpoint 3' primer (I)

5'-TATTTTCTCCCAATAGCTCG-3'

SEQUENCE ID NO: 15, HG deletion breakpoint 3' primer (II)

5'-CTGGCTTCTGAAAACCTTACC-3'

SEQUENCE ID NO: 16, HG deletion breakpoint 3' primer (III)

5'-GTAGATCTTGGGAGAGGAGA-3'

SEQUENCE ID NO: 17, HG deletion breakpoint 3' primer (IV)

5'-TGGGCTTTCTTGGGAAAGTT-3'

SEQUENCE ID NO: 18, HG deletion breakpoint 3' primer (V)

5'-AGCTGTCTGGCTGAAACGGAG-3'

SEQUENCE ID NO: 19, HG deletion breakpoint 3' primer (VI)

5'-AACGAAGTATCTTGAGTTAC-3'

SEQUENCE ID NO: 20, Merged Consensus genomic sequences of the high growth deletion in mouse chromosome 10.

The sequence covers a region of approximately 659,000 nucleotide bases of genomic DNA. Six BAC clones from the CITB mouse-BAC library corresponding to the minimal path of the physical map of the HG region (Horvat and Medrano, Genomics 54:159-164, 1998) were sequenced. The 6 BACs are: B520, B308, B546, B11110, B9114 and B405 and are assembled consecutively in 13 contigs. The contigs have been ordered and separated by sets of 20 Xs that identify gaps in the sequence.

The approximate location of the *hg* deletion is from nucleotide position 63,724 to 533,100. The breakpoint of the deletion in position 63,724 occurred in intron-2 of the mouse *Socs2/Cish2* gene (Accession # AF292933). The deletion of exon 3 of this gene eliminates the expression of this gene in *hg* mice and appears to be the causative reason of the high growth phenotype.

The deletion breakpoint at position 533,100 was determined because after this position is the sequence of the *Vespr* (viral encoded semaphorin receptor) gene (mRNA seq. Accession # AF190578), which is fully expressed in *hg*.

The deletion encompasses the full-length sequence of the *RAIDD/CRADD* gene (Accession # AJ224738) (from nt 146,837 to 298,188).

DEFINITION test, 659158 bases

ORIGIN

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1   CTTGATGGAG TCGGTTGGGG TTTTGTGTTT GTTTGTTTGT TTGTTTTCTG
51  GAAAGTTGAT AAACCTAATG AGGACATGGC TTGCAGCGTG GCAGGCACAA
101 CACCTGATGC TAAGGTCCTG ACTAATTCAT TGCTCAGAGG TATTTATTC
151 AGTAACAGGA GCCAATTCCT CAGTGGCAGT TGTTTACAGC ACTGTGCTAT
201 CACAGAGGCG CATGCGCAGT TTGGAGGGAA GTGTCCGGTT GCTGTTTCTT
251 TGCTGTGTAT TGGCTGGGGT AAGCACCATG GCTTTCAGGT CTGTTAAGAG
301 TGACCCAAGC CCATGAGCAT TGGAGACAGC AGTGCCCGAG CTGTGTCAGT
351 GTTGAAACCA GACTACAACG CAGGAGAAAG GACTCTGAAG TCGACATTTC
401 CTCTAGCTGT CAAGATGATA AAAAAATAAG ACAATAGATG TTGGTAAACT
451 GTCAGCTGAA GAAGTAGAAA TGGCCACCCT AAGGAGAGAA TGGAAATGGCC
501 GTGAGCATGG TCCTCAGGCA AAGGAAGTGG AACAGTTGAC CAAAAACCAA
551 GAAGAGGTAG AAGGGAAATC TCAGCAGGAG AAGGAGAGGG AATGGAAAGG
601 AGAAATAGAC AAAATCGTGG ATTTTATAAC TCCCGAGAGG CACCAATTCT
651 GTTAGAAGCC GTCCTGGCCT TTCCTCCGG AAAGGTTTTT TTGTTTTTTC
701 TTTTTTAAGT TGCCCATCAG GGAATTAGGC CATTAATACT GAATCGGATC
751 CTTGTCGTGC CAGTTGGGTG CTTTATTTGTA ATGATGGACA TCTTTATAAA
801 CATCTTAATC TTAATACATA ACTTTTGGGA ATAAACTTA GACTGACAAA
851 AACAGAATAG TGAACAAAAG AAGGAAGGT TAGCAATAAT TGACAGTAAT
901 GTGAACCTCT TGCCCAATGG GAGCACTTAG GTTCTCTCTC TTTTTTTTAT
951 TGCATCAAAG AAAGTAAGTC TGATACAAGC TTGTCAGATA TACCAACTTT
1001 GCTCCTAACT TTAAAACACT ATTAGTCTTT TTCAAATTTA TACCGAACAA
1051 AGCTATTTAT TTGACGGACA AGTTGTATAT TGAATTATCT GAACAAGCTA
1101 TTTCTATTGA AAAAAATTAT ATTGACTTAT AATAAAAGTT TTACAAGATC
1151 AAGATAAGTT ATGAGCATGA AAGAACAAGG CTTGTAAGTA AAATTAATAA
1201 ATTAAAAAGT GTTTCTGTGA GTCCAGAGTT GACCAATGTG GAACTCTAGA
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1251	AGGCCAAACG	CAGTCCTGTG	TGAGTACTTT	AGCAAATTAG	ACTTTAATGT
1301	ATTGAAAATA	TAGATTAAATG	TAGTTCCCTGA	ATTATGTCTT	TTTFTGTTTG
1351	TTTGTTTGT	TTTGTTTFTT	TTTTTCGAGA	CAGGGTTTCT	CTGTGTAGCC
1401	CTGGCTATCC	TGGAACCTCAC	TCTGTAGACC	AGGTTGGCCT	TGAACTCAGA
1451	AATCCGCTCG	CCTCTGTCTC	CTGTGTGCTG	GGATTAAAGG	CGTGCGCCAC
1501	CACGCCCGGC	TCCGAATTAT	GTCTTTCAIG	TGTTGCTGAT	TTTGAGTTT
1551	CTAAACAAAT	AGTAACCCAT	CACAGTCTTA	CTTCCCTCTGT	ATCTTCCTAT
1601	CTCTTCCATG	GCTGAGACAA	AACATTATACC	TTCTCTACTA	CCCTTCTAIG
1651	AAAAACCACT	TACAGGTTTT	AGTGGCCATT	TACAATTACA	TGTGAGGGAT
1701	GCTACTTTAA	AAGCAGCCCT	AGGAAGAGCC	GGAGAGGCTG	TGTTGCCTTA
1751	ACCTGCGGAA	CACATTTCTCG	ACGAAACCGC	CAGAGGGCAC	TGTGACACAG
1801	CATTACGCCCT	GAACCGCTTA	CCCTGTGGTT	GTGACTTTGA	AATGCCAGAA
1851	TGGCAGAGAA	TTTGAACAAT	GCTACTTGAG	AAAGGGTGGT	TTGATAATGT
1901	CATTGCCGGA	AGTCGTTCTA	CTCGTCTATC	ATTAAGTATT	TATACAACAG
1951	CTGGTTCTGA	GAAGATCTGC	TTTCTAGCTG	GCCAACTCAA	ACATCCCTAA
2001	GATCAGTGCT	ACTTGTCTAAA	TATCGGCCGT	GCTACTTATA	TTTTTCTAAT
2051	GACATTTCCA	ACTGTGGATG	TTTTTCTACTA	TCATTTTTTTT	TAATTAAGTT
2101	TAGGTAGAAA	ACCTTGACTT	ACTCAAAGAT	AACATTGTTA	ACTGTTTTTG
2151	TACTTTTCATA	TATAAAAATA	AATCTTTTAT	GTATATTTTAA	AGACATCAGA
2201	TTTCTTTTGT	TTAGAAAATA	TGTTTTTTTTT	TAAAGATTTT	TCTTTTAATG
2251	TGTATGGATG	CTTTCGTTCG	AGGTGTGTCT	TAGTAACATG	TGGGTGTCTG
2301	GTGCCCTTGT	ATCTCCTGGG	ACTGTAGTTA	CAGACAGCTG	GGAAGTACTG
2351	GACATGTGGT	GCTGGGAATT	GAAGTACAGT	CCCCTGGGAG	AGCAGCCAGT
2401	GCTCTTGGCT	ACTGAGCCAT	CTCTCCAGCC	CTTGTACTTT	CTTTTGTGTT
2451	TTAATTTTAA	ATGGTGTGTG	TTGTTTGTCT	CTCGTCTCTC	CACATGTGTC
2501	TGTCTGTGTA	TATGTTGTCT	GTCTGTCTGT	CTCTCCGTGT	GTGTGTGTGT
2551	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TCTGTTGGGG	ACTGATCTCA
2601	GGGCTTTCTT	TATACATGTC	AGGCAAGCAC	TGTGCCTCTG	AATTGCCTCC
2651	TGCAAGGGC	TAAGGGTTTT	GTGACTCCTT	CTTTTGGTCC	CACAAACTCC
2701	TGCCTTCCCTA	AGAAGCTAAC	AACTCTAGTC	CCAGTCAGCA	GAGGTAAGAG
2751	AACCCATTAG	TTAAGACTCT	TGATTTCCAG	GGCCAAGAAG	CCCATCCATC
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2851	TAGGAAAGTG	AAGCTGGACC	ATGGGGAGAC	GTCAGCTGAG	GACTTGGTTC
2901	CTGCCAGTAG	GCTTGCTTTT	CATCTTTTGT	GGTTGTGTGT	GTTGTAAACA
2951	TTTATTCAAT	GTATGAAGAG	GGTGTCAAT	TCTCTCTTTC	TACCACATGG
3001	GATCTGGATA	TTGAAGTTGG	CCGGCTTGAC	GGCAATCTCT	TATACCTCCT
3051	GAAGTGTGTG	GTAGTTCCCC	GACTCCTGGT	CTGTGTGTGT	ATGTGTGTGT
3101	GTGTGTTCAT	GCATACCCTG	GTGTGGTGTG	AAAGACAGAA	GACAAACTTG
3151	GGGACTTAAG	TTTCAAGGCC	TGAAGTACAG	TCATCAGGCT	TATACAGCAA
3201	GCACTTTTAC	CCATCAACCA	GTGACGTGTC	CCATTGTAA	GCTGCTTGCC
3251	TCCCTCCCTCT	CCCCCTCCCC	CTTCTCCTC	GTTTTCTTGT	TGTTGTCGTC
3301	GTCACTGCTC	TCGTTGTTTT	TTGAGATGAG	TCTCATAGCT	CTAGCAGGCC
3351	TAGAAGTTAC	TGTGTAGGCC	AGGCTGGCCT	CTGTTTCCCG	AGTGCTGAGT
3401	TTGAAGGCAT	GTGCCACCAT	GCAGGGCGGT	TAGGCATCTT	CTAGTGTGGT
3451	CATTTGATGA	ATGTCTGTCT	CTCCTACTAA	GCTGTAACTT	TCACAACTGG
3501	GATTGATGAC	CTTATTAAGT	TATGTGTCTT	GCATGGCTCC	TAGTGCTGGC
3551	ACTGCCITGGC	CTTTTTTACCA	TCCCCACATA	GTTTTGTAAA	AGCAAAGTGC
3601	CTTGGCATGA	AGGATTTTAA	GTAAGGAGTC	CCTGTGGGAC	TCAGGATAGA
3651	AATGTAGCCA	CAGAAGTCTT	GAGACTGAAG	GATTTTGAGA	CAGTTTATTT
3701	GTGTGTTTTT	TTGAACATAG	AAACTGCAGT	TTTAAAGCTG	CTTATTAGAG
3751	TATTTTATAT	CTCTCCTCAA	CTTTACCTGC	CTGCAGCTAA	TCACTTAGTA
3801	ACATTAAGC	TGAAAAAATA	TTCAAATACA	AGACAGCTTC	CATATGTTCT
3851	AGGAGACATC	TTTATCTTTA	ATTCCAACCTA	TATTTTATTT	TGTGTGTGTG
3901	TTTGTGTGTG	TATGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTACATA
3951	GTTCCCATGG	AAGTCAGAAAG	TGAGCACCAG	ATTCCCTGGA	GCTGCAGTGC
4001	CAGAAAGCAA	GCCATGCAGG	AGTTGAACCT	GGGTTCCTAIG	GAAGAGCAGC
4051	AGGTGCTCTT	ACTGAGCAAT	CTCTCCAACC	CTAATTATAA	ATACTTTTAA
4101	GAAAAGAGCT	GGGCAGTGT	GACACAGGCC	TTTAGTTCCA	GCATTTGGGA
4151	GGGAGAGGCA	GGTGGATCTC	TTGAGTTCAA	GGCCAGCCTG	GTCTATAGAG
4201	CAAGCCCCAG	GAAACAGAGA	AACATTGTCT	CAAAAACAAC	CAACCAACCA
4251	AGAACAGCCA	GCTTGCCAGC	AGTTATTGCT	TATGTTCTTC	ATGAAAGCCA
4301	TTCTGACTTG	GACCACATGA	AATCACAATG	TAGGAATATT	TGTTTTGTTTT

4351	TGAGACAGGA	TCTCTCATAG	TGTCTGTCGG	TCTCCACCCC	CAAGTGCTGG
4401	GATGAAGGTG	GGGGACCTTG	GTCTGGCCCC	TCCTCCCCAC	CGAGCCGTGG
4451	GGGTGGAGCA	TGAATATACA	CATTGGGATG	CTTCAGTGTA	CTTTTTGATT
4501	TGCATTTTCT	TGATGGTTAA	GAATGCCAAA	CATTTTTTCA	TGTGTTTATT
4551	GGCCCCCTT	TAAAAATTTG	ATCAGTATCT	CTTTTGTTCA	TCTGCCTACC
4601	AGTTGGTTGG	ATTACTCATT	CTTTTACTGT	TCTTTATATA	TTCTAGATAT
4651	TAGCTCCTTA	TCAGATGAAT	ACGATTCCTT	TTTCTTTATT	TTGTAGACTG
4701	TGGCTTTTTC	TATTGATCGT	TTTCTTTTGC	TGCGTGGAGG	CATTTTAATC
4751	TAGTGCCGTT	TATCAGTTCT	TCATCTTATT	TCCTCTGCTA	TTGGGGTCTC
4801	ATTGAGAGGG	CCGGGCCGGT	GAAATTGCTC	AGCGGGTTAA	GGCACTTACA
4851	GCTCAAACCT	GGCAAACCAA	CTGTGCTTCC	CAGAACCCAC	ATAGAGGTGG
4901	AAGGAGAGAA	TCTATTCCAC	GGAGAGAGCT	ATTGTCTGCG	CTGCTGTCTG
4951	CATGACCCTG	TTTCCCCTCT	AGTGATATAA	ACTCTTATAA	TACAAGTCTC
5001	TGTTCTTCAC	TCCATTACTA	GGCGGTCTTA	TTATAAAGTG	TTTACTTCCT
5051	TGGGATGAAA	GCAGTGTTTC	TATGGCTTGT	AAATCTTACA	CTTGATCCTA
5101	TCCCTAAAAAT	CACAAAATAA	ATGGACTCCA	TTTCACAGGC	GACAGCTCTT
5151	TAGATACTCA	AAAGCATTTG	TCAGATCTCA	TTATTATTCA	CCCCCCCCCT
5201	ATTATCCGTA	TGGCATGTTT	TCCAAACCTC	CCCAATTTTG	GTTGCCCTCT
5251	CCCCTTTGAG	CTATACATTC	ATTCATCCTT	TTAATAGCAT	CTCTCTGAGA
5301	ATGTGTTACC	CAGAACTGAG	CGCAGTTTTC	TTGCTCAGGA	TGCTTTCAAT
5351	TGTCTAATGG	TGCCAGTAAC	ACATTAAGGT	TTTLAGTTTT	TTTTGTTTTT
5401	TGTTTTTTTT	AAGTAGTCGT	GCCATCCAGC	AGGTTCTCAC	TGAGTCATAA
5451	TACCTTAAGA	GGGGGTCAGA	ATACCAAAAG	AGGCTCTAAA	TTTGGATGAT
5501	TTTTTAATGC	AAATAACTTT	TCTGCTCTTC	TTGATTCCCT	GCTGGGAAGA
5551	GAGAACAATT	ATTTGCATTG	CTAACCGCAC	TGGTTTTTAT	TTTTGCCGTG
5601	TAATGTTAGC	ACACAGCTGT	CGATACCCAC	CAAGGAAGAA	TTTTAGCAGG
5651	GGATGACGCA	TTTAGAAACC	TCATTCCTGC	TAAAGGGTGG	ATAGGGAAGG
5701	ACAGATTGGA	ATAGGAACAA	GATGGAATGT	CAGAGACACC	ATTACGTGAC
5751	GTAGTGATGA	GGATGACAGC	TGACAATGGT	TGGGGTTAGG	AAAACAGCAG
5801	AAAGGATAGG	AGGAGAGGCT	GGATTTCAGA	GAGACAGACA	TAGTCATGTG
5851	AGCAGGACTT	GACCACTAAT	CCGTACAGGA	ATGAACATGA	GTGATGACGG
5901	ATGAGACGGG	GTGAGGCATA	CACTCACACA	CACAGTTACA	CACTCACACA
5951	CTCATGTACA	CTCACATACT	CACATTCACA	TACACCCACA	CTCACACATT
6001	CATATACATA	TACACTCATA	CACACTCTCA	GTTACACACT	CACACTCAGT
6051	TACACCCACT	CACATACAAT	ACAATCACAT	ACACTCACAC	AGTTACACAC
6101	TCACACACAC	ACATACAATC	ACATATACTC	ACACACTTAC	ACACTCATAT
6151	ATACTCACAC	ACATCCATAC	AATCACATAC	ACTCACACAA	GTTACACACT
6201	CATACACATA	TTTACAATCA	CATACACTCA	CACACACAGT	TACACACTCA
6251	TACATACTCA	CACAAGTTAT	ACAATCACAT	ACATACAATC	ACATACAATC
6301	ATATACACTC	ACGCACAGTT	ATACACTCAT	ACAATCACAT	AACTCACAGT
6351	CACATACATA	CTCACATACC	CCCATGCGCA	CACACACACA	CACACACACA
6401	CACACACACA	CACACACACA	CCACAGCTCT	TGACATCCAG	ATGACCCAGC
6451	TTTGGCAGTG	AGGCCGTGTT	TTTCCTGTTG	GGTATATGAT	CTTACAGCAT
6501	CTGGGCAATG	TCCTTGGGGC	CTGTATGAAA	TGAGACACCC	AATGTTCACT
6551	TCACGATTCA	CCTAGCATAG	TTAAGAATAG	AATTATTGTG	CCAACCACAA
6601	GATGACTAAC	ATCCCTCTCT	CAGGAAAAAC	GATCACTGGC	TACAGCTTTA
6651	CCCTTGCTTT	GGTTTGCCCT	CCTTGAGAAA	CCAAGGTTTC	TTAGGATTCT
6701	CAGTCATGAA	ATACCCCTGC	TCTCTGACTA	TATTCAGTCT	AGAGCTATGC
6751	CTGCTTCCTT	AAATGCTGTA	CACTGTACCA	GCCTAATCCC	AAATGCTGTA
6801	ACAGATTTCC	TCACATTCTT	CTGAGATACC	TCAAGGTTGC	CCATGCTGAC
6851	TGTTCTTTT	CATTGTGTTG	AGTGATAAAC	TCATCTTATT	TAGCTCCACA
6901	TGTGTTCCCTG	GTAGTCAGTG	GTTGAAGAAT	ATGGACATAA	GGATTATTTT
6951	CTGCTAGTGA	GAAGGCTGTA	TAGAATTATC	ATCTAGGAAT	AACAGAATAA
7001	AAGGGTAGCT	CATCATCAAT	GTAGAGCTAT	TGCTTTTCTC	AAATAAGGTT
7051	AAATTTGTTTA	CATTGATATG	GATTATTGTA	TATTGATACA	GGTTTAAGGT
7101	TGTCATTGGT	ATAAATCTTT	GTATGTTGAT	ACAAGCCCCC	GATTAAATGT
7151	CTCCTTTTAT	AAGGTGCCTA	AGTCATGATG	TTTCTTCAGA	GCAATCGAGC
7201	AGTAACTGAG	ACATTATGTT	AGTAACCACG	TAGGGCAAAT	GTTCCTATTCT
7251	GGGGGTCTTG	GTGAAAACAA	TTTITAGCCAG	CGTTTAGCTA	TGTTGAGAAG
7301	ATGGCTAGTG	GGCATCGCAG	CCCATCGTGA	ATTTTTGGGT	TAAATGGAGA
7351	AGCAGTGCAG	GGGCCAGTCT	TCGTCAAGCT	GGACTCTAGC	CTCAGTTCTG
7401	CTTCTGCAAA	GGTGGCCTGA	GTGGGTCTCT	ATCGGTCGGA	GGATGATATC

7451	ATCGCAGTGT	GATCTTCTCTG	TGAGACGTTG	CTATTCTTTGG	GATGGAAGGT
7501	GGGAGAAGGG	GTAGGGGAAC	TTTCAATTAC	CTTGTCAGGG	TGGGAGTCAG
7551	GGCAGTCCAA	GGCTGATAGG	GAGATGCCCA	GTCACTAATG	CCCCTGCTAG
7601	AGCAGGAGGC	AATCATAGTC	AGTTGTGGGT	AATCTGATCC	ATCCCCAATC
7651	TCCATATTTT	TCAGCTCATT	TGTTTCTTTT	CTTTTAAAA	TCTGGAGATA
7701	AGATGTAGCT	GTCCCFIGCT	ACTTTGTGAC	TTCTTTCTCC	CACCTCTTTC
7751	TAGCCTTCTC	CACACTTCCA	ACCCCCAAC	ACTAGAAAAG	AAAGGACAGG
7801	AGGAAATGGG	ACATGTCTGT	AGACTTCCCT	TGGGACAGTT	TGATCTTTGT
7851	CACTGTGGG	ATATCTAATT	TCTTCTTTCT	TCTTTGTGCA	TGACTACATA
7901	ACAAGCCACA	ACCAACACCA	AAAATTCAAA	AAACCAACAA	CCCACCCGTC
7951	CTCTCAGGGC	TCTAGCATTT	ATGTACCCCT	GAAAAGTCCC	CAGGATTCCA
8001	ACACATACAC	ACTTGCAGAA	ACTATCTGCC	TCTGATAAAA	TCATGCCCCCT
8051	GCTAGAACAC	GAGGCAACTC	ATAGTCAGTT	GTTGTGGGTA	ATCTGACACA
8101	TCTCCATTTT	CACATAACTA	GGATTAAAAA	AA'TTTTTTTC	T'ATAATATT
8151	TCTGT'TTTT	TTTTTAAAGA	AACCAAAATT	CCAAAATTGT	TACTACATAG
8201	GGTTTCTCTG	TGTAGTGCTG	GCTGTCCCTAG	AGCTAGCTCT	ATGAAGCAGC
8251	TGTCCTTGAA	CTAAAAGAGA	TCCACCTGCC	TCTGTCTCCA	TAGTGCTGGG
8301	ATTAAAGACA	TGCCTCACCA	CTGCCGACTC	TGTGTGTGTG	TGTGTGTGTG
8351	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGATTGAG	TTTTAAGATG
8401	AAGGCTGATT	CAAAATGAAT	GTCAAGGCC	AGATGCCAGG	CTAACCCCTCT
8451	GCTCTTAGTT	AGTTTGTGGG	CCCAGGGAAG	AAGTGATACT	TTCTAGCAAA
8501	CACAGTCTCT	AAGTAACAGC	TCCCATGCCA	ATACACTCAC	CAATAGAGGT
8551	TGAGGGGTTT	CAAATGACAA	GGAAGCTGG	GAAGAGCCAA	GA'TTGTGAA
8601	GAAGAAATAG	AAAAAGAAAC	GAGAAGGCTG	AAATCAGAGC	CTCAAGAAAG
8651	AGCCCATATA	TTTACAAGAC	AGGGAAGATG	TCCTAGCAGG	AGGTGTCTGA
8701	GGACTCAGAA	TAAAGGTGAT	GGCCAGAAGT	TGAAGGACTG	AGCTTCTAGA
8751	CGGGAGTGGG	GTGGGAGGGG	GGGGGGATAT	AGGCTGGATG	GTTTGAGACC
8801	CAAGTGGAAG	TCAGGCAAGA	CGAGGCTCCC	CTGCAGCTGT	CTGGCATGTC
8851	ATCACTTTTG	CGCATCCTTT	CATCCTGCTG	CACGATAAGC	TGTGGAGACA
8901	AGCTGCCAGC	CCTAGCTCTG	GAATCTGCCCT	TTTTGTAAAG	GAGTCCCTGCT
8951	TCTTTTCAGG	CGAAAACAGC	TCTTAGAAAA	GAGGATCAGC	TTCCCTATTTT
9001	TCTTTTAAAG	AAGAATCTTC	GCTGTTT'TTT	TTTTTTT'TTG	TTTTTTT'TTTT
9051	TTGTTTGT'TT	TTGTTT'TTTT	TAAGCTGTGA	TTATAGCTGG	GTGTAATGCA
9101	GCATGCTATT	GATCCCCAGC	TCTTGGGAGG	CAGAGGCAGG	CAGATCTCTG
9151	TGAGTTCCTG	GTC'TACATAG	TGGTCTGCAT	AGTGAGTTCC	AGGACAGCCA
9201	GACCTGTCTT	TTTTTTTTTTT	TTTTTTT'TTT	AAAGCACTGT	GGTTATGCCA
9251	ATCAGAAAGG	TAAGGAAGGG	GAGAACGAAA	ATGTATGAAA	ATGTAAGTAA
9301	CCTAGATAAA	AGTGAGCAAG	TAAGCAAGGG	CTGGGTATAG	GGCTCAGTGA
9351	GTGGAGGGCT	TGCCTCAAAA	GCCTGGAGGC	CTGAGTTTGA	TGCTGAACAT
9401	CACATAAGCC	AAATATGGTG	ATCTGGGAAG	AAGAAGGATC	AGCAGTTCAA
9451	GGCCATTCTT	AGCTACATAG	CAAGATCAAA	GCCAGCCACG	TTGT'TTGGTC
9501	CTGTTA'TCGT	TGTTGTTGTC	ATCGTCTGTC	TCTTCTTCTT	CTTCTTCTTC
9551	TTCTTCTTCT	TCTTCTTCTT	CTCCCTCTTC	TTCTCCCTCT	TTCTCCCTCT
9601	CTTCTTCTCC	CTTCTTCTCT	CTCCCTCTCT	CTCCCTCTTC	TTCTCCCTCT
9651	TCTTCTCCCT	CTCCCTCTCC	TCCCTCTCCC	CCCTCTCCCC	CTCCCCCTCT
9701	CCAGGTAAAA	CAGAGATCAG	ACTAAGAGGT	GAAGCTCAGT	TTTAGTTTAC
9751	TCTCTGAGTC	TCAGAGGACC	AAAGGGAACC	CCCGAGGCCT	CAGGGGCAGG
9801	GAGAGCTTGT	T'TTTTAAAGA	ATATAGCCAC	CTGGGAAACA	TTTGGGCATC
9851	TGCCCTGTGCT	AAGGATTTAC	CCTGGCCTCT	GAGCTCTCCT	AATGCAATAA
9901	CTTTATTTAAT	AAAAACATCT	GTGCTGACTT	TGATATTGAT	ACATCAATGT
9951	CGAGTAGCAA	ACTTGAGGTT	TGATGTGAAC	ATCTCTAATT	CTAAGGACCC
10001	AGTTTTTCAA	CCTTCATTCT	TTTAGGAAAG	GCCCAC'TCC	CCTGCATCCA
10051	TGTC'TAGAGG	ATCTCTACCT	CCTAGCATGG	TTGGTTAGGC	TGAAGTTGCC
10101	ACGGCATACA	GCCGATCCGA	GCAAAGTCCA	GTGTCTTTT	TTTCCCCATT
10151	AGTTTGT'TA	CTTATTCACT	TTACATCCTA	ATCACAGCCC	CCCAACTCCT
10201	AGCCCCCAT	AGCTTCTTCC	ACTAACCCCT	TCCCTTATC	CTCTGAGAAT
10251	TAGGGAGACT	CCCCTGGGTG	CCAACCGACC	CACGGTCTAA	TGTCCTAATG
10301	CTGAGCGTGT	AACCTGGGCA	ATGAGAGCCC	TTCTTCAGGT	TTTTGAAAAG
10351	ACAGCTGGGC	CACTGGGCTT	CTT'TTCTCTC	TGAGACAGAC	GGGGGAGATA
10401	GGTCAGCAGA	T'TTACTCGCG	GTACAAGTCC	TCAGAAGAAA	GCAGGTGTAA
10451	CAGAAGCAGA	TGAAAAGAGA	TTT'TGGCGCT	AGGGAGAGGG	CTCAGTGGGT
10501	GAAGTGCTTG	TACACAAGG	ATGAGGACCT	GAAGTCAAGT	CCCCAGAACC

10551	AAATGTAAAAAC	TGGACTCAGA	GCCGGGGCGTG	GTGGCGCAGC	CCTTTAATCC
10601	CAGCACTCGG	GAGGCAGAGG	CAGGTGGATC	TCTGAGTTCG	AGGCCAGCCT
10651	GGTTTACAAA	GTGAGCTCCA	GGGCAGTCAG	GGCTATACAG	AGAAACCCCTG
10701	TCTCGAAAAA	AAAAAAAAAA	AAACAAACAA	ACAAACAAAA	AAACTGGACT
10751	CAGTAATCTA	GTCATCTCTA	GCGCTAGCGC	TCCTTCAGCC	AGATAGGAGG
10801	TGTGGACCAG	AGAAACCCTG	AAGTCCCCGA	CCTGCTATGC	AGCAGCAGAA
10851	AAAGTCAACA	AAGGACCCTG	GTCTCTAAGA	TGTGGAAGGT	GAGAACCAAC
10901	ACCCGAGGCT	GTCTCTGAC	CCGCACACAC	TGCACGCTGC	TGCATGCACA
10951	CGTGCGCACG	TGTGTGCGCA	GCGCTCTCT	CTCTCTCTCT	CTCTCTCTCT
11001	CACACACACA	CACACACACA	CACACACACA	CACACACACA	CACTCACGCA
11051	CGCACGCACG	CACTCATGCA	CTCATGCACG	CTCGCACTTG	AGTGCGAACA
11101	CACACGCACG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
11151	AGAAGGGTGG	GCTGAGAGAG	AGAGAGAGGT	GGGGTGAGAG	AAGATTCCAG
11201	ATGGCTTCTT	TTTCTTTTTT	TGTCTGTAGG	TCACCAAGTC	TCCCCACCGG
11251	CACCTCCCTT	TGCCTAAGCT	GCTTTGACTC	GGGTTCCTGT	TCAATTTTCT
11301	CTTTCCAAGA	GAGAAACTCT	ACTCTTTCGG	TGGCTTCTTT	TAAGGCTGGC
11351	TTTAATTTAC	ACGGTCAAAA	GCFAATTTTG	TTTATTATTGT	TAAAAGTTAA
11401	CTTAATTTTC	GTAAGTGTCC	CCAACATCTC	ATTCAAAATG	GCATAGAACA
11451	AAGTGACCAC	AAATGACTTG	CCTTTCGCCT	AGTAAAAGCA	GCAGATGTTT
11501	AAAATGACTC	GTGCTTTATA	TGTAATACTG	GGCTACATCT	ATCCAAGGCA
11551	GGCCCCAAGC	ATCCCTTTAT	TTTTATTAT	TTACTTAATTT	TTATATAGAC
11601	AACCTTAGTC	TAAAGCAGTG	GCTGTGGCCC	CTFAATATAG	TTCTTATAGT
11651	TAGCTGAGCC	CCCCCAACCA	TAAAGTATT	TTTGTGTATA	CTTCATAATT
11701	ACAGTTTGT	TATGTATTAT	AATCATAATG	TAAATATCTG	ATATGCAGGG
11751	TATCTGGTAT	GTGGAACCCC	TGTGAACCAC	TCAATTTGACA	CCTGCCCCCA
11801	AGGGGGTCAG	AACTAAAGGG	CTGAAAACCA	CTTGTTTAAA	TCACGGTPTG
11851	ATTCTTATC	TCCCTACCCC	TCCGTTTCAG	TTTACGGCAT	TTGAACACTT
11901	TCTTCTGTAA	ACAAGAAAGG	CATCTCTGGT	AAGAGAAAGA	ATGTGTTTCA
11951	CCCTTTCCAT	TTTTTTTTCT	CTGTTTGTCC	TATATAAAGT	TCCAAGCGCC
12001	TCTTCAAGTT	CACGCTTTGT	CTAAGGACGA	CTGATCTCCA	CAGGTCTGCC
12051	TGTCCCTGTT	GATTTTCTCT	ACGCCAACT	CTTTGGGCTG	AAAGGAAACC
12101	TGATCTTTGT	GTTTACCCAG	ATAGACCTTG	TTTTCGAAGG	CAGCTGTCCG
12151	AGATGACTAA	TAGTCTGGGT	TCTTTAGAAGA	GAACCCAGG	TCTGCTGCAC
12201	TGTTTATGAC	AACAGCGTAG	TTTTTCTTAG	CCTACTCCTT	CTTAGAGAAC
12251	AAACTTCCTG	CTTCTCTCTG	GGGAAATCTC	CTTCTTAAC	CAGAAGTTTC
12301	CTAGGTCCCT	GCAATACTCT	AAACTCTTAC	ATCAGGAGCA	GGAGCATGG
12351	CCTGGTCTCA	AGGACCTCCA	CACGTGTGTC	TCTGCAGGGA	CCACATGACT
12401	TAAACTAATG	CAATGGCAAC	AGGCAAGTTT	ACTATTTCTG	CTGGCTGTGA
12451	ACTTGAGGAT	TTGTTAGGGC	TGGCATTTAT	GCAGCCATTT	ATGGCCACAA
12501	GGGGACAAAT	GACCTTCACA	AGAACAGAGA	AAACCAAGTC	TGAATATTTG
12551	GCTAGAATAT	TATTATTATT	TAAGAATGTA	TTTATTTCAT	TTATATGAGT
12601	ACACTGTAGC	TGTCTTCCTA	TGGGGCATCA	GATCCCATTA	CAGATGGTTG
12651	TGAGCCACCA	TGTGGTTGCT	GGGAATTGAA	CCCAGGACCT	GTAGAAGAGC
12701	AAGCAGTAAG	TGTTCTTACC	CTGAGGCCAT	CACCTCCAGC	CTAGAATATT
12751	ATTATTATTIA	TCATTATTAT	TTTGAAATAC	ATTTAAATGT	ATCTTTGTGT
12801	TACAACCAAA	AGATCCTTAG	CTGATGTCAA	AAAGACCATG	GGCAATCAAT
12851	TGCATAAGAG	GAAAATTTGA	TATATTGTGG	TTTCTTTT	GAAAGAACAA
12901	GCTCTTAGAG	GCAATAAAAA	ACTTGAAATC	TTTTTGGACTA	GCCAACCAGG
12951	AGTGATGTGC	GTGCCAAGGT	GTCCATCTAT	AAAAGAGAGT	AATGTGTAAG
13001	AAACAAGGCT	GGAGCTTCCC	CCCTCCCCCC	TATGTGTGCC	AAGGTGTCCA
13051	TCTATAAAAAG	AGAGTAATGT	GTAAGAAACA	CGGCTGGAGC	CTTCCCCCTC
13101	CTCCCTAAAA	ATCCAATAAG	TTCTTGGGAT	GGCAACAATC	TGAGAGATTT
13151	AACCCAGTCG	GCTACTACGA	TCTCTATGGC	AACAATCCAT	TACAATGAGA
13201	CAGCTGTCCCT	GATTAGTGAC	TCTGAGACAC	CAGGAAAATC	CTCTGAAAAG
13251	CTGTAATAGG	CCTTTCCAGA	GGAGCAGAAC	CGATAGCATG	TATATCCAAC
13301	TGTAACGGGA	TTTATTAGGG	TGCTGACATG	ACCAAGAGGC	TCAACGGTCC
13351	CACCATGGCC	AGCCTTTGAA	TGAATGAAAC	AACATAATGAA	ACACCTCTGT
13401	AACGAGCCCT	AAAAGCCTCC	AGATGACTGG	TTCTCAACCT	GTGGGTCTCG
13451	ACCCCTTTGG	AGGGTCACGC	ACTAGATGTC	CTGCATATCA	GATGCATTTA
13501	CATTACGATT	CACAGCAGTA	GCAAGATTAC	GGTTGTGAAG	TAGGAATAGG
13551	AGTAATTTTA	TAGTTGGGGG	GGTCACTACA	GCATGAGGGG	CTGTACTGAA
13601	GGGGTACCAC	ATTAGGAAGG	TTTGAGAACCA	CTGCTCTAGA	CCCTTACTGG



13651	CGAGGTCTGT	GTTCAAAGGC	TGAGGACGCT	GGAGTCGCCT	GTCCAAGTGG
13701	CCACGCAAAA	CCACAGCTGG	GGAGATGTTT	AAFCAGTAAA	GCCTTTGACA
13751	TGGAAGAATA	AGGGGAGTTT	GAACCCATAT	CAAAAAGGCC	AGGTACGGTG
13801	TTGGGCTTTT	GTAATCCCAAG	CAATAAGAAG	GAAGAGATGA	GCAGATCTCT
13851	GGTGCTCACT	GAACAAGACA	GTTCTGGCAT	AGATTTTGGA	AGTCTTAGGT
13901	AGTCATGAGA	GACCCCTGTCT	CAACAAATA	AGCAAAGTTG	ACACCTACTG
13951	AGGAGGAACA	CACACACTCA	CACATAGACA	TACAAGCACA	CGTGTGTAGG
14001	AGGCATGAAA	GCCATGTGCT	CACAGATAAG	CACTAGCGAA	ACCAGGAATG
14051	TAAACGAGT	AGGATTATCT	CTTCAAAGGA	GAGAATATAT	AAGCTGTTTT
14101	CTGCCTAGAA	GGCTGGGAGG	GATGTGGTTA	ATAACCCGAT	GACCTTCATT
14151	ATCTGTGTGG	GGCTGAGACC	ACACCAGATC	CTTCCCCACA	CCCTATCATG
14201	AACCTGTTTT	TCTTAGTCAA	TCTATAAAAC	CCATCTTTAT	AGAAGATGTC
14251	ACATGTAGTC	AATCTATAGA	ACCCATCTTC	ACAGAAGATG	CCATGTGTGA
14301	TTACACAGACT	TCCAAGGTAG	TCATGCCTTA	AGTCTTATTT	TTACATATCGG
14351	ACTGAGTTAA	TGGTCACCAA	GAAATTTTIT	TCACTGAAGT	GTGCTATGCT
14401	TAAATACCCCT	TGAAATAAAC	TACTCAAGGT	CAGACTCTCA	AAGTTTGAAC
14451	TAACATGAGC	TACTGAGTCG	TGTTGAACTA	GACTTCTTTC	TTGCCCTCTGC
14501	AGATCAACAC	TCTCTTGGCC	TTTGTGTTTG	CAGAGGACCA	CCCCTGTACG
14551	ACATATATGT	GCACCTGCAC	GCGCGCGCGC	GCGCGCGCGC	ACACACACAC
14601	ACACACACAC	ACACACACAC	ACACTTCATA	GCTTCAAGCA	GGGTGCACTG
14651	TGCAAGGGAG	AGTATCTCCC	TCCACTTTTA	CCTCCACTGT	GACTCTCTCC
14701	TCCTCACTCC	CAGACTCTCG	GATTTGTCAGG	GCAGGGGTTC	CTTCCTCAGT
14751	TCAGAGCCAT	CTTCCAGACT	ACTCTGAAAA	CACCTAGGGA	TACATCCAAA
14801	GCTGGGCTTT	ACCACTTTTC	TGGTATCTCA	AAAGCCAATC	AAATTAACCA
14851	TTGCATGAAT	CATCTGAAAA	TTCTATGCAG	GCTCATAGAA	TTTTAGGTCT
14901	GCAATGCCAC	TAATTAGCTA	CACAGGGAAA	TGTATGATCA	AAGTAAAGAT
14951	TTGAGGAATTT	TTTTTTTTTTG	GTAAATTTT	AAAATAGGTA	TATGAAAACA
15001	GTGGTTTTTC	TTCTCTCTCT	CTCTCTTTT	TTTCCTTATA	AAGGCAACAA
15051	TTTAATTGGG	ACTGGTTTAC	AGTTTCAGAG	GTTTCAGTCCA	TTATCATCAT
15101	GGCAGGAAGC	ACGGGGACAT	GCAGGCAGAC	ATGGAGCTAG	AAAACAAGCT
15151	GAAAGTTCTA	CATCTTGATC	TGAAGGCAGC	CAGGAGGAGA	GTCTCTTTGA
15201	CACCAGCCAG	ACTTGAAAAA	AAAAAAAAAA	AAATATATAT	ATATATATAT
15251	AACCTAAAAT	CCCTACCACT	GCAGTGCCAC	ACTGCCTCTA	ACAAGGGTAC
15301	ACCTCCTCCA	ATAAAGCCAC	ACATCTTAAT	AGTGCCACTT	CCGTGTGGGCC
15351	AAGCATATCC	AAATCACCAC	ATGTAACCTT	CCCTCACACC	CATCTCTTTG
15401	TGGTGAAAAA	AACTCAATTG	TTCTCTTTTG	AGCCAGATCC	TGCAGTGCAA
15451	ACTTGGGAGA	TTACTGAGGG	AGAATAAAAA	ATTCTAGACT	TCTCTGGGTG
15501	ACTCAATGAG	CACAAGTATT	GAGATAAAGA	CTGAAAGGAG	AGTTAGGGTG
15551	TGTGGCTTAA	CGGTAGAGTG	CTTGATTGGT	ATGTCTGAGG	CACTGGCTTC
15601	AGTCCTTAAC	ACTACACACA	CTCCTTTTCT	GCTTATGTCT	TGAATATACA
15651	CAATACATTTG	TGCTTACCTA	CTGACACCCT	ATGGTGTAAAT	AAAACACTAG
15701	GATTTCTTTC	TTTCATTCAA	CTACAACTCC	ACAGCCAATA	GTCTTTCTTA
15751	TCCTCCCCCTC	CTCACTAATG	GCCCCAGCCT	TGGGAAGCAA	CAGTGGTTTTT
15801	TCAATTTGTA	CCAATCCTTA	AGGTCCCTGCT	ATATAAGGAA	GTTTTTACCAG
15851	TGCTTAGGTT	TTGGCGATCT	AGTAAACTTT	GGGAGAACAA	ATAAATCCCA
15901	ACTCCTCTTT	TCTAACCTGTA	ACTCCATTGG	CAGAACCAAA	AGAAAAACAT
15951	GTCTTAGATTT	TCCCAAAGCA	ATCCTCAAGG	AATGAGAGAC	ATTTTTATTC
16001	AGAGTGTTTG	TTAGGAAGGC	TTTGCAGAAG	AAAACAAGGA	ACAATTTAAG
16051	GTAGCTCACT	GTCATGTGGG	CCCTGGCCCC	ATCCATTTCT	ATGTAATGA
16101	GTGGATGCCC	AGGGCAGAAAT	TCATTGGTGT	GTGCCCCAATG	CCAGGCACAA
16151	CATCTGGCAT	ATGTAACAGG	TGCCCCACCC	TTTTTGCACC	CCCCCATCC
16201	TTTATGTGCT	AGTTAGGGTA	ACTGTTGAGA	TAACCTGTCCA	AATGAGAACC
16251	ACTTAACAGG	GTCTTTCAAA	TTTCTTAGTT	ATGTTACAGT	GTAACCTCTGT
16301	TCAGCGAGGG	GAACACATCT	GTGATCCACA	CAGTCATTTCA	GGGACACAGG
16351	CTCCATCCAG	AAGGTGGCTT	CCTCTTTTCT	TGGAGCTGTG	GACTCCTCTA
16401	CTGGGTCTCTG	TGTATCTGCC	TGGGATGCAA	GGAAGAAAGA	ATATAGAGAA
16451	CAAAGGGTTA	TGTGCTTGGG	TGCTTGCCCA	GCCCTCTGTA	GGCATAATGG
16501	TTTTGTGCAC	TGTGTAAAGG	TTATCCTGGT	GTTATTCAAA	TGCTGATTTTC
16551	TCTGCCCTAC	TTTCCTGTTT	CAATCCAGAT	GTGGCTTTGT	TATGTTTATT
16601	CTTAGACGCT	CCTCTCTCAA	GTTTGTCTAA	ACGCAGCTCC	TCATTCATTC
16651	TCTGCCTTGT	CAGTAAAAGC	CAACGAGCCA	ATACAGAGCT	TTAGAGAGAA
16701	TAAGGTGGGA	CTTCCGATTC	CAGGAGGAGT	GGAGAAAGAG	ACAAGAAGAG

16751	AGGTCCAGGA	AGCATTTGGGA	GAAGTGAGCTT	GGAAAAAGAA	ATGACTAAAA
16801	AAAAATATCCC	AAGTAAGATG	GGAATATTGT	CTGGGGGAAA	TTCTGAGTAG
16851	CTTGGAGGTTT	TAGAATGGAG	TAATAATTGC	TCAATATTTG	GCTGAAGGAA
16901	TTTTAATAAA	TCTTATTCTC	TCTGTGCGGT	GATTTTGGGG	AATTAGCTGG
16951	CTAAGGAATA	ATTGCCACTG	CACATAATTTT	ATGAATCTAT	ATTAATATGG
17001	TGATCATTTA	GCAGTCCTCC	AGTAGGCTCC	TATCCCTTCC	TCTCACAAACC
17051	CCTAGCTCAG	AGCAAAGTTT	TATGGCAAAC	TACCTCTCCA	ACTCCAAGAG
17101	AGCTGCAAGC	TGCCATGTAA	CACCTGCAGA	GAAGGGGCAA	GTTGTAAACA
17151	CAGGGATGCA	GTGGTTGTAG	TCTGTGAGTG	AACCTTAAC	TTTTTTTCTG
17201	AAAGGGAAAT	GGAATGCTTTT	GTCACCACAT	TATAGGACTTT	ACGAGAAGTA
17251	GTTGGGCATA	GAGGCTTATG	CCTGTGACCT	CTGCACTTCG	GGGACTGAAG
17301	CTCCAGGCCA	TGAATTGTGA	GTAACCTGGA	AGTTTCAGCTC	CAGTTTCCTT
17351	CCCTCTTTCT	GGCGGCCTTG	TAGCATCCGA	CAGTTCTGCC	CACCAGCGAC
17401	CCTATGCTAT	CCACATCCAC	AGCTGCGATC	TTGGTGCCTC	GCCCTTGGTG
17451	AGGTTTCTGC	TGAGATCTGT	GCTTGTGTCA	GATCTGCTTC	TCATGACCTG
17501	GCAAAACACG	AGAGAGATGG	TCCCGAGTCT	CTTGTCCCTCA	TGCAGAACCCT
17551	ATCTTAGTTT	CTGAGACCTT	CTATAGTTTA	GAACAGAAAG	GTCCTCCACA
17601	GGCTCATGCA	TTGAATTCTTT	CAGCTTGTGT	TGTAGAACAG	CTGTTCTCAA
17651	CCTTCCTAAT	GC'TGCGACCC	TTCAATACAG	TTCCCTCATGT	TGTCATTGAT
17701	TCTCCACCTC	CCACCATAAA	ATTACTTTCC	TTGCTACTCT	GTAATCGTAA
17751	TCTTGCTACT	ATTACAAACA	AACTGTAATG	TAAATATATG	TGTTTTCTTA
17801	TGGT'TTTAGG	CAACCCCTGT	GAAAGGGTTG	TTCAAACCTC	AAAGAAGTTG
17851	AGACCCACAG	GGTGAAAAAC	ATGCTCTAG	AAGGTGATAT	AAATTTTCAGG
17901	AGATGGGAAC	TGTTGGGAGG	TCACTGGGAG	CACATTTCTTT	TC'TTT'IAAAAG
17951	TCATCTCTTT	TATTTTTTAG	AGGTTATAAT	AATATTATTT	CCCCCACTCC
18001	CTTTTCTCTT	TCCAAACTAT	CATGTATACC	CTTCCTTACT	CTCTTTCAAA
18051	CTCATGGCCT	TTTTTTT'TTT	TTTTTTTTTTT	ATGATTGGGG	TGTGTGTGTG
18101	TTTTTGTGTGT	GTTCCTAAAT	ATACAAATAT	AACTGATTTA	CTCTGTATGT
18151	TACTTGTATA	TGTATCTTTG	CAGGGATGGC	CATTTGGTAA	TAGATCATTT
18201	AATTT'TTTTT	TCTTTTAAAT	GATGTGCGTT	TCTGTCTGAA	TGTATGTCAT
18251	ATGAGTGAGT	CTGTGGAGGC	CTTGTTCATAT	GTTTGTGGAG	GCCAGCAGAG
18301	GGTGTCCAGAT	GCCCTGGAGC	TGAAGTGAAT	GGTGGTTGTC	AGCCAACAGA
18351	TGTAGGTCCT	TGGAGCTAAC	TGCTGGTCTT	CTAGAAGAGC	AGGAAATCTT
18401	TGTAATTGTT	GAGCGATCTC	TCCAGCCCTA	ACAGAGAACA	TTACTGAAGA
18451	GGGCAACAGA	ACCTTGTGTC	TTCTCTTCTT	CC'TT'TCTTCC	TTTTTATTTT
18501	CCTGCTGTAA	GGGAAGTGGT	TTTGCTCTGC	TGAGAACCCC	TGCCACAAGC
18551	CCTCGAGGGT	GTGGTGCCTT	CCCACAGGCA	TGAAACAGTG	AGGCAACCCC
18601	ACCATAGATC	AAGTCTTCCA	AAACCGGGAG	CCAAAAGAAC	CTCTTTCTCT
18651	GGCTGAGGAG	ATGGCTCGGT	GGTTAAAGTG	TTTGCTGTGC	AGGCACAAGG
18701	AGGTGAGCTC	CATTCCTGGT	ACCCATATAA	AAGCTGGGCA	CCATGAGGCC
18751	TATCAGTGCC	TCCAGGTCTT	AGGCAGACCC	CAATGGCTTG	CTGGCCAGTC
18801	AGTGCAGTTG	AACCAGTGAA	CTCCAGGFTC	AGGGAGAGAA	CCTGTTTCAA
18851	AAAAACAAAG	TGGAAAGAAG	ACACCAGATG	TT'CAGCTCTG	GCCCTACAT
18901	GTGTACACA'	GGACATGTAC	ATGCACAGGC	GAGCAAACCT	ACATTAACAT
18951	TGCATACTAC	ACGCAAGCAC	ACACACACAC	ACACACACAC	ACACACACAC
19001	ACACACACAC	ACACAGAGTT	GGT'TTGTTC	GGCATTGTTA	GAGAGATGGA
19051	AGGCAGACTA	ATAAACATAT	ATAGTAGACA	TCTTGCTGAA	GACTCTACTC
19101	TTTGTGTGTG	TCAATCTCTT	TTATTTATCC	AGAAAGGAAC	CTTCGTGTGC
19151	TCTCATTATG	GGTTGATTTT	TCCCGAGGTG	GGATGCCGTC	ATGACCAATC
19201	AGTTACATTT	GGCTTTGTGG	AAAGAGAAAA	AGTCAAGTTT	CAAGCTTAAT
19251	ACTTCTTGTA	TGAATCAGAC	CATTTGTGTA	AGAGAATTCC	TGCTGAACCG
19301	GCTTCTGATC	CAAATGTGAC	AGCCGTCCGA	TGCAGTCAGC	AAACACTCCA
19351	CCTTGAATTA	GGACAAGGAA	CTGTTTGT'TT	CCTTCAAGAA	CCCTGTACTG
19401	ATAACGCTGA	CAAGATTGAC	ACACTGGGTT	CC'TTGGAAAG	TAGAAATTTT
19451	TCTGAGAATT	GT'TCCAGAAA	AAAAAAAAAA	AAGAAAAAAA	AAAAAAAAAA
19501	AAGAAACAAG	AAGATAAAAT	GCTATGCACC	AGAGGCGGGG	TAGATGGTTC
19551	TGTAGGTAAG	AGCAGTTGCT	AAGCAAGCAT	GAGAACTTGA	GTTCAAACCC
19601	CCACTACTCA	CCTAAAAAAC	TGGGCGTGGC	CTTGCAGGTG	CTTGCAGATC
19651	CCAGTGTGCT	TGGGAGCAGA	TGTGGGGGAG	ATATTGCTGA	CAC'TTGTCTGG
19701	TTTCCAGCAT	AGCTCTGAGT	CAGAGGGCCT	GTC'TCAGAGG	AAACAAGGCAG
19751	ATCAAGATCA	TGCCAAGAGC	AGGACATCTG	ATGACCTCTG	GCCTCCACTG
19801	CTCCTCCCCC	ACAAC'TTACA	TACACACATG	CACACA'TACA	AAGGGAAAAA

19851	GCAACAGTC'T	GCAATAAAAT	CTCCTTCCAT	TTTGGAAGC	ATCACCACAA
19901	AGGCC'ITTCA	CCATTTGAT'T	GATGAGAGTG	GGTGC'TCAGG	ATTCT'GTTTT'
19951	AATAAGCAAG	GCTGTTTCAGG	GATACTTCAG	CTGTGCATTC	CCT'TCCAAAG
20001	TCCAGGCGCA	CACAGTCTTG	ATGATGACTG	ATCCAGGGGC	TGGAGACATG
20051	GC'TCTGT'GAT	TCCAGACGTC	ATGGGTGAGT	ATCTGTATCC	CAGAACCCAC
20101	ATAGTGACTC	ACACACACAT	CTGTACCTCC	AGTCTGAGGG	GATCCAATGC
20151	CATTTTCTGG	GCTCTGGGGG	CAGTAGGCAC	ACATTCACTC	AAGCAGGCAA
20201	AATACCCATA	TGCGTAGAAT	AAAATAAGAC	ATTTAAAAGA	TGGCTAATCT
20251	AACCTAACAG	AATTTACAT	AGCCCTCTT'	TTTTTTCCAG	TCAGT'IGGCT
20301	TCCTAGCTTG	ACGTTATGAC	AAGCAAGTAA	AGGCATAGAT	GTTCCTTCTT
20351	TAGCTGTAAA	TGCACAGATG	GCCCCTCTTC	T'TTAGCTGTG	AATGTGGTTC
20401	TGATAAGAAA	CAAGAGTTAA	AGGAGCCAAC	AT'TAGTCT'TT	A'CACTCCCTC
20451	AGTTACTTTG	ACGCGCCTCA	GAAAATGGGC	TTGTT'TTAA	AATTCAGCAA
20501	CGGCTTATAA	GACTAGGATG	CTTGCCTAGC	TC'TTACTCAG	GGACACACGA
20551	CCCTTGAAGA	GGGAGTCAAA	ACTGATGGTA	TGCATTAGAA	AACCTGCCAA
20601	AGTAGGT'TT'	AAGGTCT'TGA	GCCCTGT'TAA	TACAGACAGT'	GCGGCGGGAT
20651	GAGAGTGGTG	CCCATGGGCT	CCTGTG'TTTC	GATGCTGCAT	TCCCAGT'TAT
20701	GGAGCTTTGG	GGAAGGATTA	GGTTGGC'TTT	GTTAGGGGAG	GTCTGTCATA
20751	AGGGGAGAGG	GAGGGACT'FG	GAGGTTGCCT	GTTATAT'TAA	GAATTAATTA
20801	CCGGGCTGGA	GAGATGGCTC	AGCGGT'TAAG	AGCACTGACT	GCTCTCTAGA
20851	AGGTCC'TGAG	TTCAAATCCC	AGCAACCACA	TGGTGGCTCA	CAACCTCCCA
20901	AAATGAGCTC	TGACGCCCTC	TTC'TGGCATG	TCTGAAGACA	GCTACAGTGT
20951	ACT'TACATAT	AATAAATAAA	TAAAAAATAA	AAAAGAAAGA	AAGAAAACGC
21001	CGGGCGGT'GG	TGGCGCATGC	CTTTAATCCC	AGCACTTGGG	AGGCAGAGGC
21051	AGGCGGATTT	CTGAGTTCCA	GGCTAGCCTG	GTCTACAAAG	TGAGTTCCAG
21101	GACAGCCAGG	GT'TATACAGG	GAAACCC'TGT	CTCGAAAGAC	CAAAAAAATA
21151	AAAAAAAAAA	AAAAAAAAAA	AAAGAA'TTAA	TTATTCTTAA	TATAAGTGTA
21201	ATCGATGAAT	TAATCTGGTA	GCTGTATTTG	TTTACCTTAT	GCTAGTTCCT
21251	ACTAATGTGA	CAGAGAAATC	AGATTTTATT	TAAAACTGTA	CCTCAGTAGC
21301	TGAGCAGGAA	AAGATGTACC	TTAAACTTGT	GTGCTAATCT	GGCTACTTCC
21351	CAGCCCCATC	CCAGAATACT	TGCATATTAT	TATTGATCTT	CAGTCCCTGTT
21401	CCTCATGGCT	CCAGTTCC'PC	TGT'TCTACCA	GTTCATCTGA	ATTTCCCTCT
21451	CTTCTCTTTT	T'FCCTCTGCT	TGGCCAATGT	CCCACCCTCT	TCTCTATTCT
21501	GTTGAGCCAT	TGGGTGATCA	GCATTTCTTG	AGGAGGCAAA	GAATAAATGG
21551	TGAGAACTGT	TTACACAAAC	TTGAGACAGG	AGATTCTTGG	TATAAGCATC
21601	ACAATGACAT	GTCTTGATTG	AAACAGGATA	CTAGGGCAGA	GAAATCAACA
21651	TTTGAATAAC	CCAAGGGTAA	ACTTTACACA	GAGCACAAAA	CATCACCTGA
21701	CATCTGCAGG	GGGTGGGGTG	GGGGAGGGGC	TCTAAGCCAC	CTCAGCGCAG
21751	TTTGAAATGT	GAGTTCCCAG	CATTCTTAAA	CCT'TCACTCA	GCCATCAGGG
21801	ACTCGAACTT	CAGGATCTGC	AAACAAGTCA	GCTCT'TTCTT	TTATAGCTTG
21851	TCTCAGTCCCT	AGTGT'TT'FAG	CCCAGCAGCA	GAAAGGTAAC	CAATACGGC
21901	AGTAATTC'A	TTCTTACACG	ATTATTTTAA	AGAGTTAG'PA	AACCGGGCGT
21951	GGGGGCGCAC	GCCTTTAATC	CAGCAGCTCA	GGAGGCAGAG	GCAGGCAGAT
22001	TTCTGAATTC	GAGGCCAGCC	TGGTCT'ACAG	GGCTATCTCG	AAGAACCAAA
22051	ATAAATAAAT	AAGTAAAATA	GTTAGTAATA	AACACAGACA	AGGGTCTGTA
22101	GTAGACAGCC	CTTGCTTATC	ACAGTCCCAA	GACCCCCAGT	GCCATCTGAA
22151	GCTGCAGACT	GTACCAAGCT	TGATACCAAC	TATACTTGTT	CTTCACTA'IC
22201	CATCCCTATG	A'TAGCTTAAT	TTATAAGTTG	GGCAAAATAA	GGTATTAACCT
22251	AAAAGAACTA	GTAAACACATA	GAGTGAGTGT	ACTACCCTGT	AATAAAAGTT
22301	ATTTCAGACT	TATGAATTGG	TTACTTCTAG	AATTTTCCAT	TTAATGTTTTT
22351	CGGACTATGA	CTGATTCCAT	GGAACAAACG	CACAGAAACT	AAAACCATAG
22401	ATAAAGGGGC	AACTACAGTA	TATCCAAGGA	AGGTCA'ITGC	TATATTATTT
22451	ACATGATGGA	GAAATTGGAA	ATGAACTTGA	TTCTTTAAAA	AAAAGGGAGA
22501	CAGTCTACCA	TAAAAATATTG	TGTTAAATCC	AATGTTGGTG	AAGATAGTGT'
22551	AATAATATAA	AAAAGATTCC	AGTGAATAAAC	ATATCTAGAA	AAGGGCCTGC
22601	GATTATAGAT	AAATATTTTG	CCTGTGAATA	CATGAATGCG	TATCACTTTA
22651	TTTTTATTTA	TTTATTTATT	TAT'TTTTGAT	TTTTTCGAGAC	AGGGCTTCAC
22701	TGTGAAGCCC	TGGCTGTCCT	GAAACTCACT	CTGTAGACCA	GGCTGGCC'TC
22751	GAACTCAGAA	ATTCACCT'GC	CTCTGCCTCC	CGAGTGC'TGG	GATTAAAGGC
22801	GTGTGCCACC	AT'TCCCATCG	AGTATCACTT	TATAATCAGA	AATAAT'TATT
22851	TTAAATGATC	TGGAGAGATT	ACATGGCCTC	ACCCTCAACC	CCTCCTCGGC
22901	T'TCTCTAT'GG	TCTGGT'TCTT	TCCGAACATG	T'TCAAGGGCC	AGGGTAT'TCC

22951	TCTCTTAGGC	T'TTGGTGATT	AAAAACTTCC	AGCCTGTGGA	CCCC'TTGAGA
23001	AAGCCTCTT	GCAGGAAGAG	GGGAACGGTA	AGGAGTATCA	TAGGAGCGCA
23051	GAAC'TTGAT	CTGGGAATCA	TCAGTGTGAG	CAAGAAGACC	ATGAAACATT
23101	ACTGGACAGA	AAGAAAAACC	TCCTGCCCAA	TGTGCTTCT	CTCTTAATCA
23151	TGAAAATCTC	AAAACGGAGG	CGTTT'CCCCA	GCCAGAATCA	CCAGATGATT
23201	ATAATTTGGT	GATTATACAT	T'TTCCTAGGA	CTACAGTACA	TCTTCTGGCA
23251	ATGTTGAGAA	AGTGATTGTA	TCCTGACCAG	GCTGGTTGAA	GCAATTCTTT
23301	CCCC'TCTACA	GCCTGCCCAG	AGGTAGCCCA	GTATCCCAAC	ACAAAGTCTC
23351	TCCTTCCTGC	GAGGCCGGGC	AGACTTCTGC	AAGCAGGCTG	TAAAAGGGGC
23401	GGGTTCTT'AC	CCCCCACCC	AGCAGCCCTG	TGACCTGTGC	CTTGCTCACT
23451	CTACCCCTCA	GTACTGTCTT	TCCTGAGGCA	TTGGCTCTGC	CACCATAAGA
23501	AAGCCACCAG	TGTCTAGAAA	TCTTGGCATC	TGATGGCCAG	AGGT'TGGGAA
23551	ACCTCTTCT	GGCTCTGGAT	C'TATTATTA	TTACTTATAA	TGAAAAAATA
23601	CCCAGAGAAA	TAAAGATTAG	CATTTT'TAA	AAGTATCCTA	GGTAGAGATG
23651	ACAC'TTCTGG	AATP'ATACAG	AGGGGAAGAG	GATAAAGACA	ACATGAAATC
23701	CTGAACGTGA	CCTTGAGTGT	AGCTTACAAA	GGACAT'TCTT	AGTGGTAGCC
23751	GGATACATTT	CTAGTATCAA	GAAAGGGTTT	TATACAAAGA	ACCTTTTGT
23801	AATAATAGTT	ATTGACCATT	TGGAGAGAGA	CAGAGACAGA	GACAGAGACA
23851	GAGAGCA'TGC	ATGTT'TTCTG	AGAGGGTGGC	T'TAAGGGTCT	CTAAAATTTT
23901	ATAAGCATTT	CCTTCTTTCT	CTGTTT'TGT	AAGCGCGAAG	TTAGAAACAT
23951	TTCTACCTCA	TTAGCCTCAA	TTCAAAGACT	CATTTGGGAC	ACCTGCTACT
24001	TAAGCCCAGT	TTTCTATTTT	TAAGACCGCA	ATCTTGGGCA	TTC'TTGAAAA
24051	GCATCTGC'TT	GTTTATTTTA	GTTCATTTT	AAGAAAGTAG	CTCCTGGCCA
24101	ATCTGTACTG	CAGTGTCTGA	AGAGATGTAA	CGAAACTAGA	TATAGAAGAC
24151	TGACATGTGT	TGTGTGTGTG	GTATGTGGTG	TATGTGTGGT	GTGTGTGTGT
24201	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTAAAAGGGC
24251	AGTGGGT'TGA	AAGCCATAT	CTGAATCAAG	GGCAACACCT	GT'TAAGTGGA
24301	AACTGGTTAG	CTATAAATAG	AGTGT'FAAAC	AGGTAGATCA	GAACACAGTA
24351	ATGGAAGCCT	AGAGTCATCG	CTACCTCTGA	AGCAAGGAAA	CCTGTGCCAC
24401	ACTATGTAGG	TCCTCCCTGT	CGCAGGATTT	TCCTTGTCCA	ATCATAT'TAG
24451	GGCAGCAGGA	GGCCTGTGAT	TGGACAGGGA	AAAGAGAGGC	GGAGCTAAGA
24501	GTTGCAAAGA	CAGAGAATCT	CTCAGCGAGA	AAGGGAAGCC	TCAGATAGAA
24551	GTGGACAGGA	ACCAGAGTGG	CTTTAACCGC	CACAGGTAGT	TCTGATATCA
24601	CAAGGTGAGA	ATAATTGGGA	TAAAGCTTTC	CTCATTATCA	TTTGGCTCTG
24651	AAATTATTGT	ACTGGCATCT	TGTAAATTGA	GAATTTATTG	ATACATAAAT
24701	CTGATTGGTT	AATTATAAGC	TTCACGAGTT	TTGCTTCTAC	CTGGTAAATG
24751	GGTGTGTGG	TGGCTGACCA	TGGGGTGGAC	AGTTGTGGTG	TGGGCTTGGT
24801	GTGACAGCAA	AAGGAACCTG	GGAGCTCTGG	CCCCCGCCAG	AGAGTTGGCA
24851	GGTAGAGACA	GAGCCCATGG	GACGGACTGC	CATGGGGCCG	AGAATTGCCA
24901	GCAAACTTGT	GGGACTGTGC	TGGGCCCTTT	AAAAAAAAAT	ATTTCCCGCA
24951	GCACCT'CCCA	TACTGTGAAT	GTTGAAGAAA	GTGTTACCAT	TTTTTGAAAC
25001	TTCAAGAAAA	TGATTCAATC	ACCTGACTGG	GATTCATGTG	TGCTCACAGA
25051	GATTGGAGAG	CTTATATGAG	TCTGACCGAG	GTCCTCTGCA	TGTGTGTTAT
25101	GGTTCATAG	CCTGGTGTTC	TTGTGGAAAT	CCTAACAAAG	GGAACAGGGC
25151	TGTCTCTGAG	TCGTCTGCCT	ACTTGTGGGA	CTCTTATCCT	CCTACCGGAT
25201	GGCCTCATCC	ATCCTT'GATG	TGAGAACATG	TGCCTGGTCT	TATCGTAGCT
25251	TGTTATGCCA	TGTTTGGTGG	ATGCCCCCTG	TCGTCTGCT	CTTTTCTGAG
25301	GGGAGGTGAA	GGGTGATGGA	TCTAGGGAAA	AGGGGAAGTT	GTGGGGAGAG
25351	CCCGATAGGA	GGGGAGGGAG	GAGAAACTGC	AGTTGGAATG	AAACATATCA
25401	GAGAAGAATA	AATAAAAAATG	AAAAAAAAAGA	G'TAAATGATT	CCATTTT'TGG
25451	ATGTAGAACA	AAAGCAAGAA	GACATGGAAT	GATTAATAAA	TAGGATACAC
25501	TAAACCCAAC	TGCATACTCT	CAAGCAAAC	TCCCCTGAGC	TGGATTCCCA
25551	GATATCTGGG	ACCACTCCAA	AGTCCTCAGC	CCATCAATAC	ATACTTTATG
25601	AGAACACACA	GAAACAGTCA	ATACATTCAA	ATACACAACA	AGGGGTGCCT
25651	ATAGGAGAGT	TAGGGCCAAAG	AAAGGATTAA	TGAAACACTT	TTTCTACTGT
25701	GTCTGTGTTC	CCACATAAAT	ACCTGAGGCA	ACCAATTCGT	AAAGAAGTGA
25751	TTTACTTTG	GTTTCATAGT	TTGACCTTAA	AAAATGGT'TT	TTACATTTAT
25801	T'FACTT'CAAT	GTGTATGTAC	ATACATGTGC	CATAGTACAC	ACATGGATGT
25851	CAGAGGACAA	C'TTTCCAGAG	TTCATTCTCT	TCCTCTACCA	CATGGGCCCC
25901	GGGATTCTAA	TA'TCAGCCTT	GGCAGCAAAC	GAGGCTGTAT	CTCTCCAGCC
25951	CCAGCTCACA	GTTT'TGAAGT	CTCAGAAACT	GCAATCATGG	CCCCCTGTCC
26001	CTGGGACCAT	GGTGAGTCAG	TGCATCATGC	AGGAAC'TGTG	TGGGCCCTTG

26051	CTAGGCAGCA	CAAGAGAAGG	GAGGGAGCTT	GGGCTCCACA	GACACCTTCA
26101	AGGGTACACC	CTTAAGATTI	GTAATATTGC	CAATTAGACA	GGATCTAGAA
26151	TCACTCTGAG	ACAAAICTCT	AGGCACGTTT	GTGAGGGAAC	GTTTGTGAGG
26201	GATCATGTCT	ATAAGGTTAG	CTGAATGTGT	TACATATATA	TGTATGTGTA
26251	TATGTATAIT	TATATGAATA	TATGATTGGT	TACATACATA	TGCACCGCAA
26301	AATTTGTTTT	CTTTTTTTGG	GGGGGTTCAA	CTACATTAGT	ATTTATTTAT
26351	TTTATTTGGG	TATTTATTTT	ATTTACATTT	CCAATGCTAT	CCCCAAAAGTC
26401	CTCCACACCC	TCCCCCACCC	ACCCACTCCC	ACTTCTTTGGC	CCTATCGTTT
26451	ECCTGTACTG	AGGCATATAA	AGTTTGCACG	ACTAATGGGC	CTCTCTTTCC
26501	ACTGATGGCT	GACTAGGCCA	TITTTCTGATT	CATATGCAGC	TAGAGACACG
26551	AGCTCCAGCG	GCGTACTGGA	TAGTTCAIAT	TGTTGTITCCA	CCTATAGGAT
26601	TACAGATCCC	TTTAGCTCCT	TGGGTACTTT	CTCTAGCTCC	TCCACAAAAT
26651	TCTATTTCTA	TTGAACACTT	GCATCACCAT	AAAATATTTT	TTTITTTACCT
26701	CAAGCCACTG	TAAGTTAGAG	ACTCTGTGTA	TACTAATGAA	AAGGTAGAAC
26751	CTAAATGTGG	GCAGCACAAT	TCCCTAGGCT	GGTGTCTTGC	ATTAAATGAA
26801	GGAAGCTGGC	CGACCACCAG	GATTAGTGGC	TTTCTGCTTG	CTGGCTGTGT
26851	ATCTAATGGA	ACTAGCTGGT	TCAAACCTCT	GCTTCAATGA	CTTTGCCACC
26901	AGGGTGGGCA	GTGTCCITCAA	ACTTCTAAGC	CAAAACAAAC	CTTCTTCTC
26951	TTAAGTTGTI	TCTTGTGTGA	TTTGTGACAG	TGGCCCTTGG	TGACCTTTAA
27001	GACCTCTCAC	CAGGTCCCAA	CAGTACTGCA	GGCCATGGTT	CGCCATGGAG
27051	ACTTGGGTAG	ACAGTCAAGA	TCCAGTGACA	ACACTCCCTA	ACTCCATAAT
27101	GACACTCTAC	AATAACAACC	TAAAGGAAGC	ACCCCAACAA	CAATGAAATAG
27151	ACTATAACGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTAA
27201	TGTGAAGCCT	CAGTAGTGAG	TTGGGTAGGA	ACAGTTTCAA	ACAGTGCATT
27251	GAAGCTGCTT	CCAATTTTCC	ATTATATATAG	AGTCCCTAAC	TTACAATGGC
27301	TTGACTGAAA	AAAAAAAAAAC	AACAAAACAA	ACAAAAACA	ACCAACTTTA
27351	TGATAGTTCA	AGTGCTACTG	TTCAATAGAC	ACTGCATTTT	GAATCTTGT
27401	GTTTCAAGTG	TATGTAATTC	ATCCTGTATT	AGCTTGCCAC	TCCCAACTGT
27451	TCCAAGAAAA	TATGTCTGTT	TCTATATCTA	TATCTAAATG	TGTGTATGTA
27501	TGTATGCATA	TATGTATATG	TATGGTGGGA	TATATATGTG	TGTGTGTGTA
27551	TACACACATC	CTACTAGTTT	GATGCCTCTG	GAACATTGTT	TACTGAGTTG
27601	AAATGTTAAT	TGGCTATCTG	ATCTCTTTCT	CCACACATGC	ATACACACAC
27651	ACACACACAC	ACACACATAC	TTTTTGCCCC	TCTGTCCCTC	TGCTATAAGC
27701	ATGAGACCTC	CTGAGAAGTT	CTGGCACATA	TTCCCTTGCT	TACGGAGTGT
27751	TTCTGATTAA	GGACTTGAGC	AGGTTACAGA	TGTTAAACGC	ATACAGCCAA
27801	GTATTGAGAA	TTTGCCTAAT	GAACCTACTT	CTCCTGTTAT	CAGTCAACAA
27851	CTGAATGTAG	AGTTTCTTCT	CTCTTCCTTT	TTTCCCTTCT	TACTTTTICT
27901	ATCTCCAAGA	AATGGCAGGA	GCCATTCTGC	GTGACTGTGA	TGCAGTGGGG
27951	CGCCATGCTG	ACACTGAGGT	CAACAAGGC	AAGAAAATTT	GCTATCAGTG
28001	TTCCCTTACTG	GATGTTGCTG	TGCAAACTGA	GTTTAAAGCT	TCTTGGAAAG
28051	GGACTCTTCA	GCGAAACTAG	AACAGTATTC	TTAATTTTAT	ACCCAATGCA
28101	ATCACATCCT	CTAGCTGTGT	TAATGAGGGT	GACGTCAAAG	TCCTCACAAAC
28151	CTGGGGAATG	TCAATGACAT	TTCTACCTTG	TGGACACACT	GTGGACCATC
28201	TGCTCAAATA	ACGACTACCT	TGCTGCTAGA	GAGTCTGGTG	AGCTGAGCAC
28251	TTTATAAGTC	ACCACGACCT	CTGCAGATGC	AGCTTTGAAG	GCGCCCACTT
28301	TCTATAACGC	TCAGACACCC	CCTCATCCCT	TTACAATGTA	AACGGGAAGC
28351	TGTAGCTTTT	TTTATGTGTC	GTAAGCAAGC	ATCACAAACT	GGGTAACCTA
28401	GAAACATAGA	AACGTGTTTT	CTCACAGTTC	CGCCAAAGAC	CAAGAGACTC
28451	GAAGGCACCA	GCAAGACTGG	GTCCCTTTCT	AGGTTTCAAG	GGAGAATCGG
28501	CTTCCTGCCT	CCCTCAGAGC	TTCTGATGGC	TGCTGTGAGA	TGTTGTATCC
28551	AGGACTTACG	GAGCTTTCTC	CTAGAAATTG	TAGAAATAAA	CACCAAGACT
28601	ACAGTATGGG	CTCTTAGGCA	ACATTTTATC	TGGAAGGAAA	GCAGAGAAGA
28651	GGAAACAGCC	ACAGTGAITG	TGGGAGGTGG	CGGCTGTCTG	TGGAGAGAGA
28701	CCAGGCAAGC	TGCTTGGTTG	CTGGAGTGGT	CTGAGGGTTT	GTTAGTCATG
28751	AGATGTTTCC	TCGTGGCTTA	AGGGGATTTT	CCTGTACAAG	ATACGGATCC
28801	CTGTTTCACT	GGCCCTAGAA	GACATTTCTG	CTTTATCTTG	AATCTTTTGT
28851	GATAAGATAG	AGCACCGGGG	GCAAGCGTGT	TTAATACACT	GTTGTTCATG
28901	AGGAGGGAAA	CTCTTGGTGG	GCAACAGGTT	TCCTGGTTTA	AAGGCATAAG
28951	AATCTATGTC	TGTCTCTCAA	CAGAAGTCTC	ATTTCAATTT	CTGTCTCATT
29001	TGGTGCATCA	TTTCGCCTAC	ATCTTCTCCG	TGTTTTCTCT	GCGTACCTTC
29051	ATTCCTCTTT	TCTCGTCTCC	CACCATCCCT	TTCTCTTGAC	CTGTCTTTTG
29101	GACATAGGGC	CAGACCTAAG	CCAGCATGCT	CTCATCTTTT	TTTTTTTTTT

29151	TAAGAATTTAC	TTATTTATTTT	TTAAAGGTTTC	ATTTATTTTTA	TTATGTATAT
29201	GAGTAAACTG	TAGCTGTCTT	CAGACACACC	AGAAGAGGGC	ATCAGATTCC
29251	ACTGCAGATG	GTGTGTGAGCC	ACCATGTGGT	TGCTGAGAAT	TGAACTCTGG
29301	ACCTCTGGAA	GAGCAGTCAG	TGCTCTTAAC	CACTGAGCCA	TCTCTCCAGC
29351	CCGCATGCTC	TCATCTTGAG	ATCACCCATA	ACTAATAAAT	GATGTCTCCA
29401	AAGATTCTTT	TCCCGAATTA	AGTCACATTC	AGGTTCCCTG	GACTAAAGCG
29451	GGCAAGTGAA	CCAACCCACT	ACATAAGGCT	TCATGATCGT	CCAGCTCTAT
29501	ATTCCCAGTG	GGAAAGCTGAG	GTGGAGTCCC	AGTGGTAGCA	CATTGAATCC
29551	TTTGAAGTCT	GTGTGTGGA	GAACATAAAC	CCTTCCCCCA	TGCCCTCCCC
29601	CCACAAACTT	AATATTTTAC	ATCTTTAGAG	AGGTGACTAG	ATTAAATGAA
29651	GTTACTAGGA	GTAGTTCCCT	AATGCAATTG	GACTGGTGTG	TTCATCAGAA
29701	GAGGAAATGA	GGTCAGAGGA	AAAGATGGCT	ATCTAAAAGC	GAACAGAAAGC
29751	CTCAGGCATC	GTTGCTGACC	CCAGGTTTCC	ACCCCTCCAAG	GCCACGATGA
29801	TGCAGATTGC	TGTCGTGTTA	GTCACTCTGT	GGCACTTTCC	TCACGGCACC
29851	CCGTCAACGG	ACCCCGTCAC	GGCACCCCGT	CACGGCACCC	CGTCACGGCA
29901	CCCCATCAAA	TGAACGCACG	TGCTTCAAAC	CCACTGTCTG	CCACAGTTCC
29951	ACAAGGCAGA	GGCCCATCCT	GCCAGGCACT	TTGGGGACAG	CTACCACATT
30001	AGAAGAGAAG	ACCCCTCAAGT	AAGATATCCT	GTCTCTTACT	AATGAATGTC
30051	TCAATGATAG	GGCTTGTTAT	TCTGTTTTTG	GGTGAGGGTG	TTAGGTTTCA
30101	GACCCAGGAC	AAACAGCTGA	GGTGTGTAT	TTAGGTATGA	AAGTGTATCT
30151	AGCCTCCAGG	TTCTCCCAAC	ATCCCTCAGT	CCCTACCTGT	TACAGGGCAT
30201	GGCTGGCATG	CCCTGCCCCC	TGCCCTTAAC	TTTCCAACCC	AGGGGCTGGA
30251	CTTCCCCCTC	CCTGAAAGCT	CTTCCCGATA	CAATCCAGAC	ATCTTGGTCT
30301	TTTGGTCCCT	CCTCTCTCTG	TCTCTGTCTC	TGTCTCTGTC	TCTGTCTCTG
30351	TCTCTGTCTC	TCCATCTTCT	CTCTCCCCTG	ATGTATAAGT	TCTTTCTCTC
30401	TTCCCTTCCC	CCCTTCTGTC	TCCTTCCTCA	TGGTGTCTTC	CCTGGCCTCA
30451	TTCCCTGGGA	CCAGTGATCC	CACCTAAGAG	CAACTTCCCA	AGAAACCTGC
30501	CTTTATATAC	TTTAATCTGG	TTTGAATTGG	CTCCTTTGAT	CATCGGAGAA
30551	TACTTACGGG	GTGGGGGTGG	GGTTGGTATT	TTGAGACAGG	GTCTCTATTG
30601	AGCTAGCTTG	GAACCTCACT	TAGACTAGGC	TGGCTTGGAA	CTCAGAGATC
30651	CACCTGCCTC	AGCCTCCCTG	GTGCTGGGAT	CAAAGCTGTG	ACCCATGCCT
30701	GGCTTCATCT	ATGGTCTTGT	TTTGTTTTGT	TTTGTTTTGT	TTTTTTTGACC
30751	AGCAGTATTG	CTTCCCTGGT	ATCATGACAT	CACAGCACTT	CTCTTCATCA
30801	GTGGATTCTT	AGGTGTAGTG	AAATGGCTTA	TGACATCCTA	GAAAACGATT
30851	GGTTGGTTTC	ATGTAGGTGT	TGGTCCCTGA	GTTAATTATG	GGTGTGTGTG
30901	TGAGAGAGAG	AGTGTGTGGT	GGTTTGTGT	CACCTTGACA	CAGACTAGAA
30951	TCATCTGAAA	TTGAGAAAAA	GTCCCCATGA	CATTTAGCTA	TAGGCAAGCC
31001	AGCAAGGCAT	TTTCTTAACT	AGTGAATTGAT	AGAGGAGGGT	CCAGCCCATT
31051	GTGGGCAGGG	CCACCCCTGG	ACTTGTGGTC	CTGGGTTCCTA	TAAAGCAAGC
31101	TGAGCAAGCC	ATGGGGTACA	AGCCAGTAAG	CAGCACCCCT	CCATCAACTC
31151	CTGCTTCCAG	GTTCCCTGCTC	TATTTGAGTT	CCTTTCCCTGA	CTTTCTTCAG
31201	TTACGGATAG	GATGTGGAAG	TGTAAGCCAA	ATAAATGCTT	ATCTCCCCAA
31251	CTAGCTTTTG	GCCATAGTGT	TTTAACTGCA	CTAGAAACTG	TAAGAAGATG
31301	GGAGACCTAC	TGAATGAGAA	CTTAGACGGG	GCTCTGTCTG	CGGTAGTGTG
31351	TGTATGTGTG	TACATCACGT	GCACAAATGT	AAGGAGGCTA	GAAGTTGACA
31401	TCAGCTGTCT	TGTTTTGAGA	AAGGGTTTTCT	CTGTGTAGCT	CTGGTTGTCT
31451	TAGAATTAC	CATATAGGGG	CTGGAGAGAT	GGCTCAGCAG	TTAAGAACAC
31501	TGACTGCTCT	TCCACAGGTC	CTGAGTTCAA	TTCCCAAGCA	CCATATGACT
31551	CACAACCATC	TTTAATGGGA	TCTGATTCCC	TCTTCTGGTG	TGTCTGAAGA
31601	CAGTGACAGT	GTAGTTGTAT	ACATAAAATA	AATAAATCTT	AAAAAAAAAA
31651	AAAGAACTCA	CTGTGTAGAC	CAGGCTGGCC	TCAAACGTAT	AGAAATGTGT
31701	CTGCCCTCTG	TTCCCTGAGTA	CTGGAATGAA	AGGTGTGTGC	CATCACCCT
31751	TGGCTGACAC	TGGGTGTTTT	TCTTAATTAC	TACCTTGATT	TTTGAGACAG
31801	GGTCTCTCAC	CAAACCTGAA	GTTTATCAGT	TCTGATAGAC	TTGGTGGCCA
31851	GCAAGCCCCA	GGGACGCTCC	TGTCTCTACC	TCCCCAGTTC	TGATATTAGT
31901	AGGTATGTGC	TACTATAICT	GGCTTTTTAA	ATGTAGGTGT	TGGGCATTAA
31951	ACCCAGTTCC	TCATAGTTAT	GTAGCGAACA	CCACTGACTA	AGGAAACCTC
32001	CCTAGCCCCC	GTCATCTGTG	TTCTAAAAAG	CTCTTTAGAT	TCAGATTCCG
32051	GTTGACATTT	GACAACCACT	AGAGAGAGGA	GCAAGCTGTC	CAGAGCTGAA
32101	CTGTGATGCC	ACGTGCCCCA	CAGAAGCACA	TGTGTGTGTG	TGTTATTAAAC
32151	GTGTTGTTAA	CGTGTTCCTT	CCAGATGAAC	CTGCAGGAAG	CAATCAGTGA
32201	GCCCTGGGGT	GCCATGGAGG	GGCCAAAGAC	ATATACTTCT	GCAAAGAAAG

32251	CCAAGGAAAA	AAAGAACTTT	GCTTCATGGC	CGCCTCTCTT	GCCTGAGTGT
32301	CAGCTGTTTG	ACATCTTTTC	ACTCCTCCGA	GCAACACAGA	AGAACATGGC
32351	TCTCTCAGAA	GACGAACCGG	GCATCCTCCC	AAAAC'TGTCA	CAAAAT'GGCA
32401	CATCCTGCAG	TATTTACTGA	TCCCCTGGGA	AATGCTAACC	AGAAAT'TGGG
32451	TTTGCTTCTT	GACTTGTGTC	TTCACAGTTG	AAAACCTTCT	AAAATGGACC
32501	TGTCGCTTTG	CCACACACAG	ACCAGGAAAA	CCCTAAGGGG	CAAGAACTTG
32551	GAAAGATTTC	GGATCTTTAT	GAAGCACTCT	GACT'CAAATT	CCGACTTGAT
32601	TTCTGGAGAG	ACGAAGGCTG	GGAGTCACTG	AGTTCTCACT	GACCTCTGAG
32651	CTTTGTGTGT	GATCTCAGGG	GGACATCGTT	TGTGGCACAT	CCCAGTGTGT
32701	ACATCTACGG	CTCATT'TCCC	ATTTATAGCT	GACATGT'GAA	CGT'CAGCTAC
32751	TGGGCTGGCA	GTTGCCGGAA	GTGTGGCACA	TTTTTAAAAA	CACGGAGACA
32801	CAGCTGCTAA	AGTCACTGTT	GTGTCCCTAA	AAACTGAAAT	GGAGTGGCTCA
32851	ATGCACTGGA	AGGAAGAAAA	CATCATCCTA	ACAGCCATGG	CCTCTCCAGG
32901	AGCCCCCAGA	TCTCTGGTTC	TTGTTTTGAG	CATTAGCTCT	TTCCATTAGC
32951	CAGTGTAGGC	AGCCCTGACT	CTATGAT'TGG	GAGAAGCAAC	ACAACTGGA
33001	AATAGAGATC	T'TCTGTGTGA	AAGTTCCTTT	GAGGTGGGAA	CATTGAAGCA
33051	AGTGAGAGGT	CTTTT'T'GAGT	GTGGAGCCCC	GTGCTTCTGA	AGGAGTCTGA
33101	CCCACGAAGA	TAGCTCGGTG	TGTAGGAGCT	GGGAT'GAAAT	TTTACGGACC
33151	CTGATACCTT	TCAAGAAATA	GCTTTATTTT	TCTTCAGAAA	CCCTAAGAAT
33201	AATCCTTTTA	TATACTTATT	TTCTTTCCCA	GATGTACTGC	CCAGATGTGA
33251	TTGCTACGAT	GAAATACTGG	AGTTATAATG	AAAT'ACCGGA	AACACACTCC
33301	TTATAAAGGA	AAAGAGATTT	ATTTAGCACC	CAGTTTTTGG	CTCCCAAGGG
33351	CATGGCCCTC	TATAATATGT	TCTGGTGAGG	GTCTTT'TTGG	CTGTGTCACA
33401	AGACTGCAGA	TAGTAATAGT	GAGCTGCA'T'	GCTAAACAAA	GAGTTAGAGA
33451	GAGTAGGACC	CCAC'TCTGGC	TCTTTATCAC	AATCCTCCCC	AGAGAATTAA
33501	CTTGCAAGAA	ATACTTGTAT	TCCTTTTCGAG	GGCATACTAC	CAATAGACCA
33551	ATGGATCTCC	CATGAAGCAA	TATCTCTTCA	AGGTCTACCC	AGCATCATCA
33601	CACTGGGAGT	CAATATTTCA	ATTCATGGAC	CCTTGGTAGA	CAAACCAGTT
33651	CCTAACCATA	ATACTATGAA	AGAGAAAACA	GCATAATAAG	GAAGCAGGCA
33701	TATTTGATAT	GACCTCCAT'T	AGTCCCAGGG	TTTTTTTT'TG	TTTTGT'TTGT
33751	TTT'TGTTTTG	TTTTGT'TTGT	TTGT'TTTTTG	TTTT'TTCGAGA	CAGGGTTTTCT
33801	TTGTATAGAC	CTGGCTGTCC	TGGAACTCAC	TCTGTAGACC	AGGTTGGCCT
33851	CGAACTCAGA	AATCTGCCTG	CCTCTGCCTC	CCGAGTGCTG	GTATTAAAGG
33901	CGTGTGCCAC	CATGCCCGGC	TAGCCCCAGT	TTTTATCCCC	T'TGAATATAA
33951	CTGGTCCTGG	GAATGGCCCT	CAGCGGTACC	TTCTGGAGAT	ACTGAAGCAT
34001	GCTTCCCCAT	CCACGAGTGC	TGGA'TAGGCT	ATTAAGACTC	AGTAGTGGGG
34051	CTGGAGATAT	GGCTTAGCAG	T'TAAGAGCAC	CGGCTGCTCT	TCCAGAGGTT
34101	T'TGAGTTCAA	TTCCCAGCAA	CCACATGGTG	GTTCAACAAC	ATCTGCAATG
34151	GGAT'CCGATG	TCCTCTTCTG	TTGT'TTATGA	AGAGAGCAAC	AGTCTACTCA
34201	TACAAAATAA	AAATAAAAAAT	AAAAATAAAA	AGTTCATTAG	AAGCACTGGG
34251	GGTGCAATAT	TTTAATTTCA	GCACTCAGGA	GGCAGAGGCA	GGCAGATCTC
34301	TGTGAGTTTG	AGGCCAGCTT	GGTCTATAAA	GTAAGTTCCA	AGGCAGCTAG
34351	GGCTGTACAT	AGAAACCCCTG	TCTAGAAAAA	CAGACAGACA	GACAGACAGA
34401	CAACTCAATA	GAATGGCAGT	GGACTTGACA	GAAACCCCTCC	CCTCACGATG
34451	TCTGCCTGAG	CTTCTTGTGC	TTCTGTTTCT	TACTGTGAGA	ATGT'CTGT'G
34501	TCGCTGCAGG	T'TCAAGGAAA	ACTGGAGAAA	TAAACCCAGA	GTAGACTCAA
34551	CCCCGAAGGG	GAACCCAGAA	TAGAGCTCTC	CCTGCCGACC	TGCAGATCTC
34601	AGCGGGGGAA	AAGGTGATAC	CGTTGTGAGC	CACTGAGCCA	TTTCTCACAC
34651	AGCGTGCTCA	AAATAGAAAC	CCGGTGGAGA	AGGTATCCTT	CCCAGGCAGA
34701	GGCTGAGAAA	TGAGAAGAGA	TGTTAGAAAA	AGGCCAATTA	ATGCTAAGTA
34751	TCGATGGTCC	GTCCCCATGT	TCAAATCCAG	CCAACAGTTA	T'TAAATAAGT
34801	TCACCACTAA	GCTTCCCTAAT	TAGAATCCAA	AC'TGGAATCT	AGTCTGCTGT
34851	GTCTCAAAGT	CCTT'TCCGCA	ATGGGCAGAG	AAC'TTTGGAG	CCTGCGTTTG
34901	T'TAAGCTATG	ACTGTATGTT	AGTGTCTGGG	TAAAACAC'TG	TCTTATGTTT
34951	TATTTCAAAAC	AGTCCTTTCC	ATAAT'TCTGT	GCTTTCATTT	CCTAACAGTA
35001	TCCCCACTTT	TCGTCAATAGG	AACGGAAACC	CAGAGTGGGT	AAGTAACGTG
35051	CAGAAGCAGT	AGAGGCTGAT	GACACCCAG	GCTCACACTG	AAAAGCCACA
35101	CCTTTTGGCC	CAG'TTTGTAA	AATGCTTGCC	CTACAAGCAT	AAGGGCCTGC
35151	TCTCATCAAA	AGCCATGTGT	GGGCTTGTAT	CTAAAAATCCA	ATTGCCAGGG
35201	AGGCAGAGGC	AGGGGGATCT	CTGGAGCAT'T	CTAGCTAAC'T	CCTCTTGACA
35251	AAACAAAGTT	CCAGACCCAG	TGAGAGGCCC	TGTCTTAAAA	AAAAAAAAGC
35301	TGAACAGAGG	AAGCAGATGT	CTGATACTGA	CCTCTGACCT	CACAGGCACA



35351	CATAACTGTA	CAGGATATTA	CACACATGAA	AGAAAGACGA	GTATAGGATG
35401	AGAAGGAAGA	GGAAGGCAGG	CAAATGGGAG	GGGCA'TAGCT	TACCCCTGAA
35451	CTTGACCACA	GCGACTTCTG	ATCTTGGTCA	TCAGCTTAAA	AATATCCATG
35501	TGACCCGGTG	AGCTGGCTTG	GCAGGAGGGA	CAC'TTGCTGC	TGAGTCTGAC
35551	AACCTGAGTG	AGTTTGGTCT	T'FGGGATGCG	TGTGGTGGAA	AGAGAGAACC
35601	AACTCCTTCA	AGTTGTC'TTC	TGACCTCCAC	ATCCTTGTA	GTG'TACAT'GC
35651	AAGCCTGTGA	ATTACATTAT	TATTACAATT	CTGTGTA'TAT	TAA'TTAACAC
35701	TGAAAATTA	TACAGTGGCA	ATTATTCTT	AACCAGT'TTC	CCCCCAAA'T
35751	AACCACACAA	AAACCTTTTA	ATATTTCAAA	GCTTTAGGCC	TTAGCTGGGC
35801	AGACTCTTTT	T'TTTTTTT	T'TTTTTTTT	TGGTTT'TTCA	AGATAGAGTT
35851	TC'TCTGTGTA	TCCTTGGCTG	TCCTGGAACT	CAC'TTTGTAG	ACCAGGCTGG
35901	CCTTGAACCT	AGAAATCTGC	CTACCTCTGC	CTCCCAAGTG	CTGAGACTAA
35951	AGGCGTGCAC	CCCCACTGCC	CAGCTAGCTG	GGCAGACTCT	TA'ACTCGCTC
36001	ATCTAAGTTA	ACCTGCCCCAT	C'TAGCCCCAT	CCAGTCAAGT	CCCTAGCTAT
36051	ACCTTCCAGG	CCCA'TAGTAA	CT'TTATCTT	CTCTCATGTC	TCCTGATGAA
36101	GAGGT'TTTC	TCTTCTCTCT	CTATCCCAGG	AAGTCACACC	ATCCACTTCC
36151	TGCCCAGCTA	ATTGGCCATG	AGATTTT'TTT	T'TAT'TATTA	TTAAAGTCAA
36201	TCAAAGAATG	CCTTACATAG	GTGAGGAACA	ACAGAGACAC	AAT'TTATAC
36251	AGTGTATCTC	CACAATGCC	CCATCCCAC'I	CAAAATAAAT	AACTGAGCAA
36301	ATGTTAAAAC	CACACACACA	CACACACACA	CACACACACA	CACACCACAC
36351	ATACACACAC	ACACCCACCA	CACATACACA	CACACCACAC	ACACACATAC
36401	ACACAATGTT	AAACCACACA	CACACCACAC	CACACATACA	CACCACACAC
36451	ACACACCCAC	ACACACACAC	ACAATGGTAG	CTAACCCAG	GATAC'TTAT
36501	TTAGT'TATAA	ATATAATAAG	TCATGTACTG	TATAGTTTCT	TTTT'TTAAAA
36551	GTAATTTCCA	GGGT'TTTCC'I	TGGAGAAACA	GTAGGCAAAC	CTGTATTTTA
36601	GTGAGATGCA	CCTGATATTT	GGGTGATGTT	AGGCA'TGGTA	GTTACAGGCA
36651	GAAAGGACAG	TCCCAAGCAT	TTACAAC'TGG	AATGGACGTA	T'CCCCAGCTG
36701	CTGAGGAAGA	TGCCTTGTCT	CTGCCCTGTC	AACCTGGCTC	ATGGGAATGA
36751	AGAACCGT'TT	TCCCCATGGA	CTCTAGTCAG	TCACGTAGCC	ATCCTCTGGA
36801	GAGTCTCCCC	CACCCACCCC	AAAAAGACAG	AAAAGAAAGA	AGGACAGATT
36851	CTCAGATAGC	TCAGGCTAGT	CTTCAACAAG	ATATATAGCT	GAGGATAACC
36901	TTGAATTGAT	ATTCCTACCT	CCTCCTCTTT	CTAAATTCTG	AGATTACAGA
36951	CATGTGCCAC	TGTACCCTCT	GAGTTGATCT	TCTGACCTAG	AAT'TTATGAT
37001	GTAAGGGTAC	GAAAGGGAAA	CTCCCCATGG	GAAACAGAGT	AGTGCCCCAG
37051	AGTCCACACA	GACATCTTTC	CCCAATCACT	GGAGCCTGAG	CTGGCAATGG
37101	CAAAGGGGCA	TAGAGCTGTC	AATCAACTGA	CCTTAAAGCG	AGGAGAATGT
37151	GGGCCAGGTG	GTGGCAGCAC	ATGCC'TTAA	TCCCAGCACT	CAGGAGGCAG
37201	AAGATGAGTT	TGAGGCTAGC	CTGGTCTACA	GAGTGAGGAC	AGCCAGGACT
37251	AGACAGAGAA	ATCCT'GTGTC	AAAAAAAAAA	AAAAAAAAAA	AAAAAAAAAG
37301	AAAAAAAAAAG	AAAAAAAAAGT	GCTACT'TTAA	GCTTAAAGACA	GCT'TTGAAGG
37351	GAGGCTCTAT	AGCCAAGGAA	TTCGGGAAGC	T'TCTAAAAGC	TAAAGAGGTA
37401	AAGGGAAGAC	ACTCCACACT	AGCACAGACC	TGTTGACCTT	TCAAGCTAGC
37451	CTAGTGAGGT	CCTGTTTGGG	CTTCTGAGTT	CCAGAACTGT	AAGA'TTCCAA
37501	ATCTGTGTTG	T'TT'TGAGTCA	CTGATTGGTT	GGAATTTATG	ATAGTGACCA
37551	CTAACAAACT	CCAACACTCC	CTAAAAGAAA	ATGGTGGTGC	T'TT'TTCCAGA
37601	AGGAAGGGGG	TGCTGGGTGG	GGAAATGCCA	GAGTCTGTAA	ACTAGACTCT
37651	GGGCATCTTG	TTAGGTATTT	GCTGTGGGGA	GAAGAAATCT	GCGT'TCAGTC
37701	TCATCTATAG	TCCTGTGTAT	CGGGTCCTCA	GGGCTCAC'TG	TGCCC'TTCAG
37751	CAAGAGCAGA	AAAGCCTGCA	TGTACTGCCC	AGCCCCGACA	CCTGCTTCCCT
37801	TCCCTCACTG	CTGTTACCA	CCAACAAGTT	ACTCAATCTT	CGTAGGCTTC
37851	GGGAAGATGA	TGATACTCAT	CAGAT'GGGTT	T'TATGAAGAT	TAAAGATGAA
37901	TACATTAAAA	AAAAAAAAACT	TGGCCGCACT	GCTGGCACAT	AGGGTACACT
37951	TAAGCTACTA	AGTAAT'TCTT	GGGACATTAG	GTAATATAGT	ATAATTCT'GC
38001	CTTGGTGCCA	CGACTGCTTG	GGTATGAAAG	T'TACCTTTGC	CAC'TTGGAA'T
38051	GTC'TGTGTGA	GCAGTGATTA	ATGATCTCTT	AGGCCGTTTC	ATTCTTATGC
38101	GAAACGCAAT	GCTACGGGTA	T'TACCTCATC	GAGAGGTGAG	GAGGAGTGGG
38151	GTCAGCATGT	TTAACTCAGC	AGCTACTGTT	TGATG'TATAT	GATCCATGCC
38201	ATCCCCACCA	TCAGCTGTCC	ACCT'TTGTCC	AAGTTGCCCT	CCCTCCCTCC
38251	CTCTGGA'TGG	TTGATACGTA	AGCAAAGCAT	CCCAGGAGGG	TGGCATCTCA
38301	CAGGATCACC	AAGACCTTCT	CATGTGGGAG	GAACCATGGT	TGCCACACCG
38351	TAGGGGAGCA	ATATTATCTT	TCTTCCAATC	AGGAAGCAAG	ACACGGCAGT
38401	CC'TCTGGCAA	GCTGCGTACT	TAGCACACGA	GAAACGAGGG	CAGTAGGAAA



38451	TTCAGTGTCC	AACGCACACC	TCACTCTGTG	GGACAGGGA	CCCTACAGAC
38501	TGCAGGGTCT	TGCTTTCCCT	TCCCCTGCA	TCTGCAGGAG	TGTAGGGTTG
38551	ACCTGTTGTT	GTTTTCACAC	TTGATAACAA	GGTGAGAGAA	CATTAGGTTA
38601	AGGAGCCTGG	GGTTTTCCTG	TTGAGAGTAA	TCCTTTCAGC	AATACCAAGA
38651	ACTCTCACTT	GAGAGATAAC	AACAGGACCT	ATGACAGGCC	ATCTGTAAAC
38701	AATCGTTTGA	TGGCGATAGC	TGATTTAATC	AGAACGTTCT	GCTTCTCCCC
38751	CACGTGAACC	CCCACAGAGA	GCGCGCCAAT	CCAGCTGCAA	GAAAAATATT
38801	GTTTAACTTT	GCCACATTTA	TTTACTCGTT	GGGACTGTTT	AACTTGATTG
38851	GACGGAGCAG	TTGGAAAGAG	CGAAAATACC	CCAGGCCTTC	TATGTCTCTG
38901	ATAACCTGGC	GACATCTGCC	TCTCAGCCTG	TTTGTGTTGT	GTTTCTCAAG
38951	TCCTTTGCCC	TCA'TCCTCCT	AGTCAGAGAT	TTGGCCTCTT	TCTGCACCAG
39001	GCTTTGGGGA	CAGGAGGGTA	GAATCTGTCC	CTGCCCTAGC	TTGCAAAATGA
39051	TTTTTAAATA	TGATGCTTAC	CCTACAAAGT	CTATTTGAGAG	ATCTGTCTGT
39101	GCAAGGCATTT	GTCTGTGAAG	TGCTATTGTAT	CATAGGAAAA	CATGGGTFAA
39151	GCTATAGGAA	ATCCCCAGTG	TCATTAAAGAC	CCACACTAGA	CGCACAAAAT
39201	CTTACAGGGC	ACATAGAAAC	TCCAGGAGGT	CTGTAGCTAG	GCTCTCAGGA
39251	AGGTTTGTGA	GAGGTGTTAT	ATTGAGGACA	CGCTCCAGGG	TGGGGGTGGG
39301	GTTTAAAGTCT	TGTGAGTGAG	CTTTGGCAAG	ATGGCTCCCGT	AGGTAAAGT
39351	GCTTCTGCTA	AGACTGATGA	CTGAGTTGGA	TCCCGGAATC	CATGTGGTGG
39401	AAGGAGAGCA	CTAACTTGTC	CTCTGGCCCC	CACATGGGCA	CCAGGGTACT
39451	TGAGGTGTACA	GCCCATGTCC	CCTACAGAAA	GAAAGTCAAT	GTAATTTAAA
39501	AAAAAATAAA	ACTATTTAAG	CTGAGAGCAG	AGGAAGAGCT	CAATGAAGAG
39551	GTGGCTGTAG	CTGCAGCTGG	TTTTTCTGAG	TTGGGGAGGA	TTAAAAATAT
39601	AGACAGCCCT	TCAGCTCACA	TCAGCTGATT	CAACCAACCG	AAGCTTAAAA
39651	GCACTCAGAA	CCAAACTGCC	CCTGCGCAGA	ACACATCACA	CACTTTTACA
39701	AATAATTTGTT	TTTAAAGGTT	TTGTTTTTGT	TTTTTACAAGT	ATGTGTTAGG
39751	ACCTAGGTAA	ACTATTAAGG	CCTAAATGAA	ATAATAAGGC	CTGGGTAAGT
39801	GTTAAGGCCCT	AGGTGACTGA	TACCTGAATA	ACCTGCCAAT	GTAAGGAAAC
39851	TTTCCACAT	GTTTCTGCTG	TTACTAGGAA	ACTCTAATGC	CAAGATGGTC
39901	TTACACTCT	GTTATGTAAT	GTGCTCTTGA	AAACCAATCA	CGACAGAAGT
39951	CAGTAGAACT	GTTTTGTATA	GTTACCTACA	AATAAGCTTG	GACCCGACCA
40001	ACCACCCAGG	AGCCCTTCCT	GCACCTATGT	ATAAGCTGCC	CCTGGGAAGG
40051	ACCCCAACAT	AAGAGAGACA	CCTGTACCAG	AAGAAGAAAC	GTTTTTGAAT
40101	AAGACTTCCA	TTTTGAGTAG	TGGTCTAAGT	TCCCAAGTTT	AAGTTCCCAA
40151	GACCTCCCTG	GGAAGTGAAC	TCCTATTGTT	CAGAAAGAGA	TGTGTACATG
40201	GGTAACATG	ATCCTGGTTG	GCAAGTTTCAG	ACATGAATGT	TAGACAAGTT
40251	CCATCCCTG	AGACAAGTTA	GAACATGAAT	ATTAGACAAG	GCAAGTCCCC
40301	TGCCACAGTT	GAATATCCCA	GTCAGTGGGA	GCGGGATTAA	TGCACAACCT
40351	AGACATGTTT	CTAAGGAAAC	CCCTATCCCT	AAATGCTGAT	TGGTGGGAATA
40401	ACTTGGCACA	GATGTTTGTG	GAATTTGGGC	TTAAAAAAC	CTGTAAGATC
40451	TGGACCATGG	CCCCGGTTGA	CCAGTCCCTG	GGTGTATGCT	CAATTAACCT
40501	TCCCTGTGTG	ACTGAGATCA	TAGTCACGTG	GTTTGTGAGG	CGGTTCCTGG
40551	ACCCTAACAT	ATGTATTAAT	CATATACAGC	AGTGGTGCCA	TTATGATCTT
40601	TGCATGCATA	AAGACGCAAT	GTCTTTTTTT	TTTTTTTTTT	TGGGGGGTTT
40651	TTGGTTTTTTC	GAGACAGGGT	TTCTCTGTAT	AGCCCTGGCT	GTCCTGGAGC
40701	TCACTTTTGT	GACCAGGCTG	GCCTCGAACT	CAGAAATCCG	CCTGCCTCTG
40751	CCTCCCGAGG	ACGCAAGTCT	TTTAATCATG	GTCGTCCCTCT	TGTCTTTCTC
40801	CCTTGCTTTC	AATGTCTTTT	TCTTTATTTT	TTATGACCCA	GTGAGTTCCCT
40851	GTTAGGGTGT	TGTAGGAGTG	GGGGTGGGAG	TCATTTACAG	GGCTGTGTGC
40901	ATCTCACAGG	TGACTACATC	ACTGAAGAAA	ATGCTTCTCC	CTCCCTCATG
40951	ACTCTCACAA	CCTATGATAG	ACTTCGAACT	AAAACGGATG	CCAGCAGGTT
41001	CAATCTTGTA	ACATCTTTGT	CTGATGACCA	TAGCTGCTGT	GAGTTCAACA
41051	GTGTAACAGC	CAAGTTGTGT	CCAGAGGTCA	GTGGCTTCCC	ATTTCCCTCAG
41101	GTTCTGACAT	TCTTCCCGTC	CCTTCTTCTG	TGATAGTCCC	TGAGTCTTGG
41151	AAGGGGTGGT	ATAGATGTCC	CACTCACGGT	TGTACAGTCA	ATGGTCGTTT
41201	ACCTCATTTA	CTTTGACTTA	TGAGTCTTGA	GGGCACGGCT	GATGACTGCA
41251	AAGAGAAGCA	TCCATGTAGC	TGGTGTCTGA	GTCTCATGAT	CTGAGTTCCA
41301	TCACCGTCTA	CCTGAGGAGG	AGGTGGATGG	AAAAAACTGA	CAACTCAAGC
41351	TTGCTTTTGT	GACATCCACA	CATCTACTGT	AGTTCCCTAGA	TGGACAGACA
41401	GACATACACA	CATACACAGA	GACAGAGACA	CACAGACATA	CAGACACACA
41451	CACAGACACA	CACATACAAA	CATACACAAA	GAGAGACAGA	GACACAGAGA
41501	GTCAGAGAGA	CAGAGAAAGA	GAGAGAGAAA	TATGAAAAAG	TTCTGTTTCC

41551	TGGTCCCTAG	GGAAGAAAGG	GGCTGCAGGC	TACGTACGTT	CAATGACTGT
41601	TCTAGTTTGG	GAATCTTAAG	CAACTCCCCA	AGGCCATATG	TTGACTTGGT
41651	CCCAAGACTG	AAGCATTATC	AGGTTGTAGA	AAC'TTTTAGA	AGTTGGGCCT
41701	ACTGGGAGGA	AGTTAATTCA	TTAGTGAATG	TGCCTTCAAA	GGTGATATCA
41751	ACAACCCGAC	ACCTCTCCTT	TC'TTTACTCT	CTGGTTGTCA	CCAGGTGAGG
41801	AG'TTTTCC'T	TGTCACACAG	TCACCATGGC	TCACAGACTG	AGGGCTCTGA
41851	AAC'TGTGAT'T	ATCAACGTCA	TTATTGCTAC	TATT'TTGTTA	CAACAACAGA
41901	AAGCTAACAC	AATGACCGGT	GATCAATCAT	GTCTTTTAAT	AAAAC'TGACA
41951	CTAGTACCTC	GGCGACAGGG	TTGGCAGAAC	CTCTGGAGTG	AAGTACATTC
42001	ACCCTTCAGA	AGACTCGCAT	ATCACAAACC	CATAGAGCAG	TGGGTGTTGT
42051	AGTTAATATT	TCATCTCAAT	CAGGGGGTTT	CTACCCACC	TTTGACCACT
42101	CGGTTCCCGAG	ATAAAAGACA	CAAAACTTTT	ATACTTATAA	TAAGCCTTTT
42151	AAGTACTAAA	GATGGACAGA	TATCTACCCC	CTAAGCTATT	CAAATTTA'T
42201	TCCCCATCAA	TAAT'TCCAAG	TTCTAAGTTT	CCATT'TTCA	CCTGGGCTGC
42251	ACTGAAC'TCC	AAATGGCCAG	CCTTCAGGGC	CAAGT'TTCA	TGAT'TCGCCC
42301	ACCCCATGGT	GTCTT'TTCT	T'TCTCTAACT	TCTCTCTCTC	TCCCTCCTCC
42351	TGGTTCTTCT	CCAATCCCAA	GCCTGGGAAC	AGAAAT'TGCC	CATCTCTCTT
42401	CTGCCCAGCT	ATAGGCTGTA	GGCATCTTTA	TT'CACCAATC	AGGGATAACT
42451	TGGGGGGGGG	GAGGGGAGGA	TACAA'TAGTA	TCACTAGGGT	TTA'TGTGAGA
42501	ATCTTCTCAT	CCAGGGCCAG	TATTTAGCAT	TACAACAGCC	CAAACCTCAA
42551	CAAGTGTTTC	TCAGCT'TTCC	TAACACTACA	GTACTTTACT	ACAGTTCCTC
42601	ATGTAGTGGT	GACCCCGACC	TAAAAATTAT	T'TAAT'TGCT	ACTTTGTAAC
42651	TGTAAT'TCTA	CTATGGTGAT	GAATTGTAAT	GTAAACATCT	GTGTTT'TCTG
42701	ATAGTCTTGG	TCACCCCTGT	GGAAGCGCCT	TTCAACCTCC	AAAGGAGTCT
42751	TGACCCATAG	CTTGAGAATT	GCTGACACAG	GGGCTTCC'TG	TAAGGGGACC
42801	CCCTTCTTTG	GATGCCCTCA	ACTGGCTGTG	CAT'TTGTATA	CTGTATAACG
42851	AACCGCACAG	TGTTAAGTCA	AAATTGCACG	TCACTGTGGG	CCAGGCTCCC
42901	GAGACCCACT	GAAGTTCACT	AAGTTCATTA	GCCAAAACGA	AATTGGTGTG
42951	TGACTTTCCA	AGAAATCAGG	AGAAAAGATA	CAGCTGGATT	TCCCCAGAGG
43001	CAGCTTCAGT	TGGCAGGATA	ACAGTGCCTT	TTCTGCCTTA	ATCCTTTGTC
43051	CAAAC'TAGGT	AACCTGGAGT	GACCCAACAT	TAAACATATA	TTTTTCTATT
43101	CTTGCACTTT	CCAGCTTGAT	GCTTTTACCA	GGAGAGCAGC	CCGACACAAC
43151	AAAGTCACCT	TCTGTCTCTT	ATTTT'TTGCT	TACTTTAGAT	CCCTTAACCT
43201	ATAGAACAGT	GGTCTCAAC	CTGGGGGTTG	CATCCCCCTT	GGGGGTCAAA
43251	TATTCTTTT	ACAGGGGCTT	CCTAAGACCA	TCAGAAAACA	AAGCTATTTA
43301	CATTACAGTT	CATTACTGTA	TCAAAGTAT	AGTTATGAAG	TAGCAATAAA
43351	AATAATTTTA	GGGTTGGGGA	CGGTCACCAC	AACATGAGGA	ACTATGTTAA
43401	AGGGTCACAG	CATTAGGAAG	GT'TGAGAACC	ATTGCTATAG	CACCAAGCCC
43451	CTCTACTGAG	CCTACTAAAA	TACTTTGGAA	TGAAGTGTG	CCTGCCTCTA
43501	GAATAAAAAA	AAATATTAAC	CTCCTGGGGG	TTTCACTCAG	TCAGTGATTG
43551	TCCGGAATGC	ACAGAACACT	GGATTTGATT	TTTAGCACTT	CATAAAACTG
43601	GCCATGTGCA	CCTGTGATCC	CAGTG'GGAG	AGAAAGAGGT	AGAAGGACTG
43651	GACAGTCAAG	GTATTCTGT	CAAGGTTACA	GGTACAACCT	ACTTTTGTGCG
43701	GTTTGCTGAA	TGGTGGTGTT	GTCAAGCTGC	CTTCTAAATA	TTTCTATTTA
43751	TACTCATAGA	TTTATATTTT	TCTCAACTTT	AGTCAGGAAG	ACTCCTTGTT
43801	CCCATTTGGTC	AAGAGAGGCT	TGTGATTGGT	CAAAGTACTG	AGAATAATGT
43851	CTGTGTGTGC	TCATCCTCAG	AGGAGGGATC	CTTATCGATG	CCTCTCAAAA
43901	GGTTAAGAGA	GCATCGCAGA	GGAGAGGGTG	GAGAGAACGT	GAAGGCTGGA
43951	GGACTGAAAG	GTGTGCTGTC	TTCTGGACAA	GTCATGGCCA	TTGGCTGCTG
44001	AACTCATGAG	CTCACACAGT	GGTTACCTGC	GAGGCGAGAT	CCGAGCTCGG
44051	ACAGGGAAGG	GACTGCAATG	CTATTGGCTG	CTGCTGACTG	CTGGAATAGA
44101	GTGAGTCAGT	TTGCTTTGGG	AATGTGGTCA	CTAGAATGCC	CGTGTTTCACT
44151	GGAGGGCCCC	ACCCCATGCA	CGTATGGGCA	ACAGTAGTTG	GACTCTGTGG
44201	GTGTCTTAGA	CTTGCTGTCC	TAGGACTCAC	TTTGTAGACC	AGGCTGGCCT
44251	CCAAC'TCACA	GAGATCCACC	TGCCTCTGCC	TCCCAGAGAC	GGGGATTAAA
44301	GGTATATGCC	ATCACCGCCT	GAGTGAGAAA	GGAGTCCTAG	TTAAGGAATT
44351	GTTACAGGTC	GATCAGCCTG	TTC'TGGATAT	TGAAGGATTG	TCTTCTCTGT
44401	TAATTGATGT	TGAAGGTTCC	AGCCAAC'TGT	GGGCAGTACC	ATTCCCTGAG
44451	CGGGTGGTCA	TGGGT'TGTGA	GGTTATGGGA	AAGCTAGCTA	AGTGTGAAGC
44501	TGGGAGGGGG	CTCTCAGGTT	GCATGCCTCC	ACGGTTTCTG	CTCTACTCCT
44551	TGACTGTGAA	TGAGGTGATG	ATGTGTTGAG	TAGCAAGTAG	GTC'TGCCTTC
44601	AAGACCC'TGC	CCTGACTTCT	GTCAGTGGTG	GACTGTGTGC	TGGAAGGGTA

44651	ACCCAACAAC	TCCCTTTCATC	CTCTAAGTCA	CTTTTGGTCA	GTGTTTTATC
44701	AACGCAGCAG	CAAGGAAACA	AGGACAGCGC	ATCATAGAAG	GGAAAGGAGG
44751	TGGAGAGGGA	GGAGAAGGAG	GGAGGGGGCC	TTGTACATTA	CATTTGTAAGG
44801	TACATGGAGA	AGCAGGCTCA	GCAGTGGGCC	TGTGCTCCTT	GGTCCATTTC
44851	TGCTAGATGC	TGTGGGTGTC	CAGACAGAAA	TTTTGCTGTC	TGTCTGTCTG
44901	TCTATCTATC	TATCTTCTAT	CTATCATCTA	TCAATATCTAT	CATTTATCTAT
44951	CTATCTACTA	TCTATCTATC	TATCATCTAT	CATATCTATC	ATTATGTATC
45001	TATCATTTAT	CATTTACCTA	TTACTTGCTA	TTTATTTGTT	TACATAAACT
45051	TAATAAAATTC	TTTCATTCAA	AACCAGAAAT	ATAATCATCA	TAGGTCATTC
45101	TCTGGACTCT	TTGGAGACAT	TTTTGTTTTG	TTTTGTTTTT	TGTCTTTTGA
45151	GTTCTAAGTA	TGGTTGGAGG	AGGGAGAATA	GGGGATAGAT	ATAATCAAAA
45201	TGTATTGTGT	ACAATGTATGA	AAATCTCAAG	GAATAAGTTT	TTTTTTTTAA
45251	TTTTTAATGA	AAGTGCCTCA	TTCAGTTGGG	TGTAGTGGCA	CATACTTTTA
45301	ATCCCAGCAC	TTGGGAGGAG	GAGGCAGGTC	GATCTCTGTG	AGTTCAAGGC
45351	CAGCCTGGTC	TATATAATGA	GTTCTTGAT	AGTCAGAACT	ACATAGTGAG
45401	ACCATATTTT	TCGGGGGGGG	GGAAACCAAC	AACAACCAAT	CAACCAACTA
45451	ACCAAACCGA	GAGAGAGAGA	GAGAGAGGGA	GAGAGAGAGA	GAGAGAGAGA
45501	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAAT	GAATCCAGCG	AGACCTGTCC
45551	AGATTCTTCT	TGGCATCTCT	TTATGAATCT	CTTCCCTTTT	GTGTATGGAA
45601	AGAGATCTTT	CTAGAAGGAA	CTTATGATCT	ACCACCATAC	AGAGTAGTCC
45651	AGAGAATTCC	TTTATGGTCA	GTTACACAGAA	GGTGAAGGAC	TCTGAAGTAT
45701	ATAGGATTTCA	TGGATACCTT	TGGGAGGAAG	TATTTACAGT	TTTTATAGAG
45751	AGAGGGAGAG	GGAGAGGGAG	AGGGAGAGGA	AGAGGAAGAG	GGAGGTGTGT
45801	GTGTGTGTGG	TGGGGGGAGA	ACAAAGCACA	TACTAAAATGC	TGGGAAAGGG
45851	TCAGCATTA	TAATGATGAA	TTTCTCATAG	CTACCTTTGT	TCAGGATATT
45901	GTGTCCATTA	CTTCTCCTAA	GCTCTCTACC	ACTCCAGTTG	GAGAAGAAAC
45951	TCCGAAGGGT	GCTGGAGGGA	GGGACAAGCA	GTTACACACA	AAAGGCCAAG
46001	CAGAAGGAGC	TACGGAAGGA	TGCCTACACG	GGCCTTAACA	CATGAAAAG
46051	CCAGACCCCC	CAAATGGGGG	CTGGAACGAG	GATGTTAGTG	AATGAAAGTGA
46101	ATACATAGAA	CCATTAATCC	CATACTTGCC	TGCAAGTTGA	GGCTCTAGAC
46151	TGTAAGAGGC	ATACAATTGT	CTCTATAGCA	GTGGTTCTCA	ATCTATGGGT
46201	TGAGACCCCT	TTGGAAGATC	AACTAAGACC	ACTGAAAAC	ACAGATGTTT
46251	ACATTAAGAT	TCATAACAA	AGCAAAATTA	CAGTTATGAA	GTAGCAATAA
46301	AAATAATTGT	ATAAGTAGGG	GTCACCACAA	CATGGGGAAC	TGTATTAAAG
46351	GGTTGCGGCA	CTAGGAAGGC	TGAGTAACCTA	GGGAATAGGA	AGCTCCTTTC
46401	AGGAGTAAC	AGAAGAATGT	CACTTTCCCT	TCAACATCTA	GACCAGGGTG
46451	TAAGGCCCCAG	GAGCACGGGA	CCACAGGACA	GCTGGCTACA	AAGGGCTGTC
46501	TGGTTTTGAT	GATGCTATCT	ACAAGGCAGG	GTTACATGGT	TTTCTGCTCC
46551	TTGGGGGGCCA	TCTATCCTGT	CCAATATAGA	AAGTGGCCAC	TGCTCTCTAG
46601	CTCCATGTCA	GGAAGGCCAG	GCCTTGAGGG	AGAACAGGCC	TGAGTTTTTG
46651	ATGGATCCCC	ACTGTGGAAT	CCCCTTGGCA	TTTAAAGATA	CTAATAACAG
46701	CTGGGCAGGG	TTGGTGCACA	CCTTTAATCT	TAGTGTCTCAG	GAGGCAGAGG
46751	CAGGCAGATC	TCTGAGTTCG	AGGCCAGCCT	GATCTACAGA	GTGAGTTCTA
46801	GGACAGCCAG	GGCTACACAG	AGAACCCTGT	CTCAAAAAAC	AACAACAAAA
46851	CAGACAAAAT	AAACAACAGA	AAGATGTTGA	TACCTGGGTC	ACACCCTAGG
46901	GACATCTGGCT	GAATTAATTC	AGGATAGTGT	AGACATTCCA	CTGTGGCATC
46951	CAAGGTTAGA	ACCAGTGTTC	TCTTGTTCAC	CTATGTTTTT	CGAGGACCCT
47001	AGGCTAGATT	GCAGATGTAT	AGGGATGGTT	ACTATTTAGG	GCATTTCCCC
47051	TTATTTGGTG	GCTGATCCCT	TGCTAGTCAA	GTCTTCAGAA	TTCCAGGGT
47101	GGTGACGAGG	GCCAATCACT	AGAACAAGGT	GAGGTITGGCT	TGTGGAATCA
47151	CATCCTTCTC	TCTGGGAGGA	TCTCCAGGTC	AGCCTGAGAG	GAACAAGACT
47201	TGTGAGAGGA	TTCTGGGATT	GTGTTCCAGT	GC'TGTTCCCA	GGTGGAAATT
47251	AGCCTCTGTA	CGCGGCTGGT	ACCCTCTTGA	TCACGGCATT	TCAAACAGGA
47301	ACACTGAGTT	TTTTTTTTTT	TTTCCAGCAC	TGTATTCCCA	GTCTTAAGGC
47351	CCACGTGGGC	CCAAGTTCAT	GAACATTTGC	CTTCCCCGCC	CTCTGTTCTC
47401	TGCCAGGCCG	AGCTGCTATT	CCAGGTACAA	CTTCAGATCA	ATTCTGCAAA
47451	TATATACGGA	AATCTATTCT	CTGACAAGCG	CCGTACTAGG	AACCCGGAGG
47501	TATGTGATAA	TTGTTTTGTT	TATCAACAGT	GTTCTTGGA	TGTTAAGACT
47551	GAACAAGTTA	TGCTTTCTCC	AAAGTTCAGG	TGCTTGGCCT	ATAAAATGTG
47601	ATCTGTGTGG	ACAGACTTCA	GTGCCAGTGA	ATCAAAACCC	TTAGAACAGT
47651	GGCTCTTAGC	CTTAGACCAC	AACCCCTCTA	GACGTCAAAC	AACCCTTTCA
47701	TAGGGGTCCC	ATATCATAAA	TCC'TGCACAT	CAGATGTTTA	CATTATGATT

47751	CATAACAGTA	GCACAATTAC	AGTTATGAAG	TAGCAATGGA	AATAATTTTA
47801	TGGTTGGGGG	GTCAGCACAA	CATGATGAAC	TGTACTAGAG	GGCTGCAGCA
47851	TTGGGAAGGT	TCAGAACCAC	TGGAGTAGAA	GGATGCCTGG	CCTGTATTAA
47901	GTACCTAAFA	AATATCAGCC	AATGTTGTTF	TTAAGATCGT	TGTTGACTAC
47951	CATGTGAGCA	TTTGTGTTC	CTTGTGTTC	ACTACTCCCC	GGTGGAGGGA
48001	CTTGGTGGGA	AGGCAGAACC	CTGAAGATGA	CATTAAGGGC	CTTGTAAGGC
48051	AGACCAAGGG	GGAGTGTFTG	CCCCTACTGT	TGTGTGGTGT	AACAACFAGA
48101	AGGTGCTGCC	TTTGAAGTAG	AGAAGCAGAA	AGGTGAACAG	GAGAGAGAGA
48151	GACACACAGA	GCTGAGGTCA	TGCAGGCTGT	GAAACCGACT	ATGGATTGGT
48201	CTCTGACCCA	GTGATGCCAC	TTCCAGGTTT	ATGGGCAAGT	AAGTCCACAA
48251	AAAGACTTGT	TTATGAATGC	TCATAACTTC	TCTTGTAATA	GCTAAGCACF
48301	AAAAACAAAT	ATATGTTAAC	CAATAGCATC	CATAAACAAA	CTATATGGCA
48351	TCCCAACCAT	TCAGTAACGC	TACGGTAAGC	CATAAACGAT	TCFAACAAFC
48401	AGAATGCTAA	AAFAAGAAGCT	GTATATGACA	TATAGAAGAC	TGTATACTAT
48451	ATTATTACAC	CTAGACAACA	TTTTGTGTAA	GACAGATTTT	TGGAAAAATG
48501	AGTAGTGTGA	TCACTAGGCC	AAAGAATAAG	AAACTGTTCAG	GTGTTTGTTF
48551	GTTAGACAGC	TTACGTAGGG	TGTGTGTGAT	TGCTTCACTG	GTGTTTGGCA
48601	GAATTCACCC	ATGGAATCTT	TTGAACTTGC	TTCACTACAA	ACAGGGCTAT
48651	ACAAACTGTC	CATTTCTTCT	TGAGTAAGCT	CTGGGAAGCT	TGCATTTTAC
48701	TATTTGTGGT	GGTCTTTTGC	AGGTTGTGTG	CTTAGAATCA	TCTTCCAGTT
48751	TCCCAGCTGC	TACAGTGATC	ATCTTTTTTT	TTTTTAAAGAT	TTATTTATTA
48801	TTATATGTAA	GTACACTGTA	GCTGTCTTCA	GATATAACAG	AAGAGGGCAT
48851	CAGATCTCGT	TACGGATGGT	TAGTAGCCAC	CATGTGGTTG	CTGGGATTTG
48901	AACTCTGGAC	CTTCGGAAGA	GCAGTCAGGT	GCTCTTACCC	ACTGAGCCAT
48951	CTCACCAGCC	CCGTGATCAT	CTTTTTTAAAT	TAACCTTTTA	TGCTATTTTG
49001	TAGTGTGTGT	GTGTGCGTGT	GTGTGTGTGT	GTGTGTGTGT	TGTGTGCATG
49051	CACACATTTT	GTATATGTGT	GCAAAATGTT	ATATGCTTGG	GTGTGCGTGC
49101	GTGCGTGTGC	GTGTGTGTGT	GCGCGTGTGC	GTGTGTGTGT	GAGTGTGTGC
49151	ACATGCATGA	GGAATGGAGG	TTGAAGTCAA	GTTCCTGTCT	CAGTTGCTCT
49201	CCATCTTACT	TTGTGAGACA	TGTCTCTCA	CTATTATGGT	TTGAATAAGA
49251	ATGGTCCCCA	TAGACTCAGG	TACTTGAATA	CTTGGTTGTA	GAGATGTTTA
49301	GTGGGGTAAA	ACAGCCTTGT	TGGAAGAAAT	ATGTCATTGG	GGACAGTTTT
49351	GAGGGTTTAT	AGCTTCATCC	GTACATTTTT	GCTTTCTACT	TTGTGTTTAC
49401	AGTTGAAGCT	ATGATTTCTT	AGCTTCCTGT	TTTGGTCTTC	TGATACCAAT
49451	TCTCCTCCTC	TGGGACTGTA	GCCCCACAT	AAACTCTTCC	TTCTTTAAGT
49501	TATGGTGTTF	TGGTFCACAG	AACAGAGAAG	TAACCAATAC	GCTCACTGCT
49551	CCTGAAGCTT	AGCAGTTTGG	CCTGCCTGCA	TGGCCAACAC	ATTCCAGGGA
49601	CCCTTCTTTC	TCTGTGCTTC	ACCGCTTGCC	CCAGTGCAGG	GGTCATACAC
49651	GTACGCTGTG	GTGCTTTTCT	CTGCGTGTGT	GGATCCAAAC	TCAGCTTCTC
49701	CTGCTTGCAT	GGCAAGAACC	GTCCAAGTGA	GCCACTTCCC	CGATCCATAC
49751	AGCAGCATTA	TTCTTGTCAA	GTCTGCAGCT	GGAATCAAC	AGAGCACAAAT
49801	ACAACFACCC	CAGTTGACAA	TAAGGATGTG	GCAGGGCAAA	GCTTGGGAGC
49851	TCTGGCATGG	TCGAAGGCAT	TGTAGGCTGT	GGGCTTAAAG	CATTACATTTG
49901	AGGCTGACAA	GTAATGCCCC	ATGACTTTGA	CAGACAAAT	TGCTATCTTT
49951	AAGCAATGAG	TTTTAAATGG	GAGTGGGAAA	GAGAGAAAAAG	CTTGTTCAAA
50001	GGAAATAGCA	ATTAAAGATG	TTCCCAGCAA	GTGGGAAAAA	GCTAAAGGAA
50051	AAGGCAGAAAT	TTGTGACCAC	GATGTCTAGA	GAGCTATTTG	TAAAGATTTA
50101	GTTTGAATTF	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
50151	TGTGCGCGCG	CAGAGCCCCA	ACGAAGCCAA	AAAGAGAGTG	TTGAAATCCCC
50201	AAGAGCTGGA	GCCCCAGGTA	ATTGTGAGCC	ATCTTATACA	GGTCCTAGGA
50251	GCCAAACTCT	AAAGAGATCT	GTGTGTGTGAG	TGTATGTTTC	ACAAGAAACA
50301	TACTTTTCATG	TTTGTTTTAG	AATTTTGGC	ATATGGATAC	TCACGTACTT
50351	GTTGTCTGGG	AGTATATTA	AACAAAACAG	AAAAGATTTG	ACTTTTCCCCA
50401	AGAATATTC	TAGTAATTTT	TGGGGAAGCC	AGGTGTTGTG	GCTTAGGCCT
50451	GTATTTCTCAA	CATTTCTGGAC	GTTGGCAGAG	GTTGATTTAG	TTTGTTTGCT
50501	TTTTAGAATT	CCACGACTAA	GCCAGGAATT	GTGTTTGTGT	TTTATTGATA
50551	CTCATTTCTT	TTGCCCTGCC	CGATTACCAT	ACCAATGTCAG	CAACAGACC
50601	TACAGTGTGA	GAGCCTGTCT	CAGAAAAACA	ACAGAAAAAC	ACAGAAAAAC
50651	ACATCTTTTG	GAGAGGCTGA	AGAGATGGCT	CATGGGTTAA	GAGCACTTGC
50701	TGCTCTTGCA	GAAGACCTGG	CTTCAGTTCT	GAGCACCTAC	CTGGTGGCTC
50751	ACATCCATCT	GTATCTCCAG	TTCCAGAGCA	TCCTGATCCCT	CCGGGCACCA
50801	GGGACCCTTA	GTATTCATAT	ATATGCATGC	AGACAAACAC	TCATACATGT

50851	AAAATAAAATG	GCTTTTAAAGC	CCTTTTGAACI	TGCACTTATA	ATTAT'TGAAA
50901	TGACCTCTAT	TAAAAAGTAA	C'TTCTCTCC	CAACTTCTCT	CCCATGTAAA
50951	ATGCTACCTT	TG'ACACACT	ACATCACTGT	TCTAAAACAA	ATCTGCTTGC
51001	AGCTACAGAA	CTGCC'AATT	AATGGACTTT	AGCTTAGTTT	TGCTTACCGG
51051	TGAAGTAGGT	TGGT'TT'TTCA	ACAGTCATCA	AAGGGTGGTT	ACAAAAACAG
51101	GTATCTAGAT	GACAGTGTAG	TGGTGGAGAG	AGATGGCAAC	CA'TTATATAA
51151	AGGTAGATGG	ATGTTCTTGG	ACCACCT'TTC	T'TTATGGTGA	GACAGGAATG
51201	TTATAACTTT	ACCATGCTAA	CTAAGATATC	AGAGAAGACT	GTATTTCATAT
51251	GCCATCATCC	GGCT'TTCTCT	TGGAGAAGGC	ATACACTGCT	TTCCTTGTGG
51301	TGTGTGTGGA	GCTAGCTGCA	GC'TGTGGGG	CCTGCTTTT	TGGCTCTGCC
51351	ACATGTTGAC	AGCTAAAGT'T	AGTCTCACCC	ACGATTGGCT	GATCTGGTTC
51401	GGTTGCTTCT	CAGAATCCCA	TGACTAAGCC	AGGAATAGCA	TTTTTGCTGT
51451	TATTGATACG	CATTTCTTTT	GCCTGTCTCG	ATTACCACAC	CATCGCGGCA
51501	GACTTTGGTC	TTTGTGAACC	TGTCTGGAAA	GTCAAATATA	TCTAGAGGCC
51551	TAGGGCT'AAI	GACACCATCA	ACTGGAGGTT	ATGGAACAGA	AGTTGGAGGT
51601	AACTCAAATG	AGAAGAAAAC	GTG'TGTGTGT	GTGTGTGTGT	GTGTGTGTGT
51651	GTGTGTGTGT	GTGTGTACAA	ACTTACATGT	GTGCTAGTAC	ACATGAGTAG
51701	AGGCCAACCT	CTGGT'TTGAT	TCCTTGTACA	CTGTCAATCT	GGTTA'TTTTT
51751	GAGACAGGGT	TGGTCTCTCA	T'TGGCACAGA	ACTCATCAAG	TAGGTTTGTC
51801	TGGGTGCGCA	G'TGAACCCCA	AGAACTCCCC	TGTGAAGTGG	AAACTTAAGG
51851	GT'TCTT'TGGA	GAGT'CAGTTG	TG'TTGGATGG	TG'TTTTGCTG	GGACAAACAC
51901	GTGAAGGAGT	C'TTGGGGGG	ACATGTG'TGT	GTGTGTGTGT	GTGTGTGTGT
51951	GTGTGTGTGT	GTGTGTGTGT	CAAACTCAGG	CTC'TTGTGCT	TACAAGGCAA
52001	ACATTTTACT	GAATGAACCA	TCCCTCCAGC	CTGAGAAGAA	AGC'TTAATAG
52051	CACACTCAAC	CTGACCCCTT	TTTTTCATAAC	ACTTAACGAG	AAAGCGAAAG
52101	TGTAGAGGAA	G'TCTACAGAG	ATGGCTCAGT	ACATAAAACC	CTTGCTGGAC
52151	AAGATGGCGA	GCCGGTTTGG	TCCCTGGAAC	TCACATAAAT	AAATGTGGAA
52201	GGAGAGAGCT	GACTCCTCTG	AACTCCACAC	GTGCACCATG	GCACGTGCAC
52251	TGGTGT'TCCA	AACAGCAGCA	GCAACAGCAG	CGGCAGCATA	CTAGTATCTA
52301	CCAAAGGTCT	TGATCAGGGT	CCCTCTTCT	GTGATGTTAG	CTGAGATCTT
52351	CCAAAGTGGT	CGGAACGATA	CTTCCCAAGT	GTCTACAAAG	C'TTCTCTTTG
52401	TGT'TCTCCCA	CGAGGTCTCA	CCCTT'TTGG	AATTATCCT'I	AGACTGAGGC
52451	CCTCTCACTT	ACACTGTGAC	CTATTTAAGG	GGTGAACCCA	AAAGTCCAGG
52501	ACGT'TGAAAG	AACTCACGTG	GCTTTGAGGA	TCAGGTGATC	TTTTTGCTCTT
52551	TACCCGATTTC	TACATGTAGT	GGGGGGGTCA	GACTCACAAG	GGATCAAGGA
52601	AAAAC'TTAC	GAGAGCCAGG	CTCCT'TTGAG	TCACAGGCC	AAGAGTGGAG
52651	TGAATCACAA	GAGTAAGCCA	AGAGGCACAT	CAAAGTGTAA	GATGAAGAGT
52701	TAAAGGGATG	GAAGCCAGAA	GGAAGATAAG	AAAAAGGTTT	CCAT'TTCCTG
52751	ACTTAAGGAT	GCAC'TCCATC	TAT'TTTGGTT	G'TTCTT'TTTT	CTCATCTGAA
52801	GTGGGGGCC'T	ACTATGTCGG	GGGGGGGGCT	GTTTAAAGTA	CTAGGGGTAT
52851	AGCAATGGGG	ACACAGACCA	AGTGTCTACT	CATAT'TCTCG	TGGGGGGAAA
52901	AAGACAAACA	TAAGAAACGA	ACAGCTATTG	TCATGCCAAG	TCATAGCAAA
52951	GGCAT'AGGTA	AAAAGTGAAG	CCAGAAAGAA	AGAAGCAA'TC	TCCAACAGGA
53001	CCCAAGCGAG	AAAGCT'TTTC	TGACCAAAGG	TCTGAGCTCA	GTGAACGCCT
53051	TATGGGAAGG	TGAAGAAAGG	ACAATGGCCT	CAAGGCAAGA	TGGCCATAT'I
53101	GAGGAAAAAG	GTGACACAAG	GTTAGAACAC	CTTGGGGAAG	AACAAAGGAC
53151	ATAAAACCTG	GCAC'TGGCAA	CAATCATCAC	CTTCCCAGAA	CTGATTGTGG
53201	CTGATGCACC	TTTGACAGTG	CAGTTCAAGC	GTGTCAATTC	CCAAC'TGAAG
53251	GCAACCTCTG	TTTCTCAGAA	GTAC'TTTTAG	AGTCATTCCG	C'TCAGCCCT'I
53301	GTAATCTGTG	CTCTCACCAG	AGGCTAACAG	GCCTGGGGAG	TCACAGTGAA
53351	CCTTGAGGAG	ACTTTAAAAA	TAGGGTCTCC	TAAGGTAGCC	CTAGTTTACC
53401	TGGAGCTCAC	TATGTAGAGC	AGGCTGGCTT	CACACTTTGG	TGGATTGTCT
53451	TGCCTCTGTT	TTCTGAGGGC	TGGGATCAAA	GGTACAGAGA	AGAATAAAGT
53501	AAGCCAGCTG	TGAGAATCCA	GTCTCTTAAA	CACAGAGAAT	TTCACTTCTA
53551	CTGACAAATA	CGCTCCCTCC	CAC'TACTCCT	GATACAACCA	GTCTTTTAAA
53601	ATGTCTT'TGA	AAT'TACATGT	ATGTATGTAT	GTATG'TATGT	ATGTATGTAT
53651	GTATTTATTT	GTTTGT'TTGT	TTGTTTGT'TI	GTTTGTATCT	AGTGGGTGTA
53701	CGTGTGTGCA	GTGGTACAAA	CCTGCCAAAG	GATGTCAGAG	AACATCCGTT
53751	TGGGAGT'TTG	TACTCTCTCC	ACTGTGTGGG	ACTCAAGGAT	AGAACTCAGT
53801	TGTCAGGTTT	CATGGTAAGT	ACCTGCAGCC	ACTGAGCTGT	CTCACTGGCT
53851	TGAT'TTTT'TT	TTTTT'TTTT'T	TTGAGACGGT	GTTTCTCTGT	ATAGCTCTGG
53901	CTGTCCTGGA	ACTCACTTTG	TAGACCAGGC	TAGCCTCAAA	C'TCAGAAATC

53951	CACCTGCCTC	TCTGGCTTGA	TATTTAAAAAC	TTTGGGGCTT	TCTCCTATTT
54001	CCCCACTATC	AATAGTGAGT	TATTTCTCCA	CCGTAAGATA	AAACCACAAG
54051	TGTTACAAAA	GGCAACTCC	GTCCATGCTG	GAGAGGTCCC	AAGATGGGTG
54101	AGGACTGTGG	CCAATGGGAG	GGCCATGTGC	TGGCCAAAGA	AGCTAGCCAC
54151	TACTCTATGT	CTGCTGATCC	TGTTTTGTGG	GAGTGGGACC	TCACATCGGC
54201	AGATCAATAT	CTTGGGCAAA	AGAGGGGATT	AATCTGGATA	TACCAGGGGC
54251	ATAAAATCTA	TAGAGTTTTA	ATCTCTTTCT	GCTTTTGAAT	GCCGGCACAC
54301	CAACCAATCA	ACCAACCTGA	GGAAGCCAAC	CCA'TAGGCAA	GTGGTTTGTG
54351	GTCTCTATAG	TTACAAGAA	CTCTGAGAGA	CTTGA'TTTCA	ATAGCATTA
54401	CAACATCCAT	CCATCAACAT	CCACTTTTGT	GGGAAAATCC	ACTAT'GTTCT
54451	TAGGTCTCAG	AAGTCTGGAG	GAT'GGGTTC	ACCTGACCTA	CTTCTCCTGA
54501	TTCACACAACC	CTGATCTAGG	GCAT'GATTT	TAGTGGCATC	CTCCTCCCTT
54551	CCTCCCTAAC	AAGTCC'TCTG	T'TGTGGGGAT	GGCACAAGTA	GGATAT'TATG
54601	AATGGAGTAT	GCTATTAAGA	AGCGCATGGT	AGAAAGTGTG	AGAT'GCCCTG
54651	CACTAGAGA	TGACTCCTGT	CTGCATCTTC	'TCAGGACTCT	ACAT'CCCTTC
54701	CCCTAAATCT	CTCACACTTA	GGCCAACCAC	AGCATAGGAA	TGCCTCACCT
54751	GCAGTTACAG	AAACCCAAAT	CAAACCAGGC	CAAGGAAGAG	TAAATTT'ATC
54801	AGTTCCCAT	CCCAAGACAT	ACAGCGTCAT	ACAGGTTGGA	ATTCCAACAC
54851	ACGGGGTCC	TTGTCCCTCC	AGCCCCTGTT	GCCTTCCTTC	TTTGATGTGG
54901	CTAAAAACAA	GTTGACCCAC	CTGGTTATCA	TTGCTGTTTC	TCCTGAAGCA
54951	TTTATACTCA	AAGACAAGGA	TCTAGTTGCC	TAAAGGGGTT	GTGACACTAG
55001	ACAAGGCCTT	GTGTCCCAGG	GCTAGAGTCA	CTCCTGTGAA	TAGCCACGGC
55051	TTACATATGC	TCTAGAAAAG	AGAACAGTCC	CAGCGTCAGA	GAGAGCTGAA
55101	GATACACTGC	ATGCTGGCTG	TACAAATGTG	AGACGTGGAA	CC'TTTGAAGA
55151	AGAGGGCCAG	AGGATAATTA	AATACGTGAT	TTCTGTCTAC	ATGTACGCCA
55201	GACTCATATC	AGATTTAGTT	GCCAAAGATC	ATCCATTGTT	CACCCAACCT
55251	CTGTAAGCTG	G'TAGAAGCTT	GCCAACTCCA	GTA'CTAGCGT	ACTGTCATTG
55301	CAGAACAAAC	ATATCCAGTT	GGTACACTTT	GAT'TGGGTGT	TCAAGCCACG
55351	GACACTCCTC	AATGCAGGCA	ATGAAAGCAG	CTCTCTAGTT	CTGTGGGCAA
55401	CACTCCTGTG	CCCTCGCAGG	G'TAGAACCAT	AGTAGGGATT	TGCCATAGTC
55451	AGTATGTCAT	CCAACTGAAC	AGACATGTTT	TTAGGCATCC	AGTAATAGAA
55501	TTATATCCCT	CTTTGACCC	CTATAAGTTT	TATTTATTTG	TTTAAAAATT
55551	CTAT'TCTTTA	GGTGTGAGGT	GT'TTTGTCTG	GATGTATGTT	TCTGCATTGT
55601	GTTTCATGCCT	ACT'CCCCTCA	GAAGCCAGAA	GGTGGCACTT	GGTCCCCTGA
55651	AACTGGGGTT	ACAAATGGTT	GTAAGCCACC	ATGTGGGTGC	TGAGCAATTGA
55701	AGCCAGGTCC	TCTGGAAGAT	CAGCCAGTGC	TCTTAAACAC	CTGTGCTATGT
55751	CTCTAGCTGT	AACACCCCTGT	AAATTTTAAA	GTTGAACCAG	AACTCCCTGG
55801	AGTT'CTTGGG	CAGCCACCGA	TGGAAGTTTG	TGGT'GAGAAT	GGTGTGTGTG
55851	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGATCATTTTC	ATTCCATGTA
55901	CGTGAAAGTA	AGACAAGCTT	CTCCATACTG	AGCACAACCA	AACTCTCTGA
55951	GAGTAGAAGG	GCAAGTGAAA	TACCAGCCAG	TCCTTAGAAA	GAATGCACAT
56001	AGTGCCAAAG	CTCTTTTCAT	GGAT'TATTTT	AATTGTGAGA	TATCTTGTGG
56051	GGCAACATAT	CTGTT'CA'GTG	GGCACCAGGC	ACAACATCCC	CGTAATATAG
56101	GTTCTATCAC	CGTCTCTCTA	ACT'GCCCCA	GGTAACATAT	ATAAAAAATT
56151	GACAGTTTAC	ACCTGGGAAG	TGCAATCATA	AAGCCTTGAT	GAT'TCATTCA
56201	TTCA'TTCAT	CAT'TCAT'TCA	TTCATTCATT	CTTACTT'ACA	CTCCTTAATC
56251	AGTGATGTCC	AGTGCCTCCT	ACATG'TAAG	GATGGTTCTT	GGTGTGCAAG
56301	CAGCAGCCAC	ATTTGTGAGC	AATGGAAGGA	AGAGTACACG	ATGCTCACAT
56351	TCTAGAAGAA	AAGAAATAGT	GTGAGT'TCCA	CAGGTACACG	AAATTTTATT
56401	TAAGTTGGTG	TGGCAGCTTA	CACCTTTCAT	GCCTGTGT'TT	GGGAAGCCGA
56451	GGCAGGAGGA	TTCCCTTGAG	TATGTGGCCA	GTTTGGGCTA	CTGAGTGAAA
56501	CCTTGATCCA	AAAGGCCCTT	TGTCCCCCCA	AATAAAACAT	CAAAACAGTG
56551	AATAGCGTTA	GTGCCTAGAA	GAGGGTTGTG	CGTGTGTGTG	TTTGTGTGTG
56601	GTGTGTGTGT	GTAAGAT'TCT	AAATTGGGTG	TGGAGTCTTG	CTAAGAAGGC
56651	AACATTAAT	AAAGATCTAA	GGGGGACTGG	CGAGATGGCT	TAGCAGGTAA
56701	GAGCACTGAC	TGCTT'TTCTG	AAGATCCTGA	GTTCAAATCC	CAGCAACCAC
56751	ATGGTGGCTC	ATGAGATCTG	ACACCCTCTT	TTGGTGGCTC	TGAAGTCAGC
56801	TACAGTGTAC	TTATGTAATA	ATAAGAAATA	AATCTTTGAG	CCGGAGCAAG
56851	CAGGGACTGA	GCGAGCAGAG	GTCCTAAAAT	TCAAT'TCCCA	ACAACCACAT
56901	GAAGGCTCAC	AACCA'TCTGA	ACAGCCATAG	TGTACTCACA	TACATAAATA
56951	AA'TAAATTTT	GGAAAAAATA	AAAGATGTAA	GGAATG'TACT	CAGGAGTAAA
57001	CCATAAAGAT	GTCTGAATGA	ACACAAGTCG	TGGAACAGAC	AAT'TGGACCA

57051	GAAGCAGCAG	CAGAAGAGCA	T'T'TTAGGAAA	GGCAAGGAGT	CCAGAATGCC
57101	TGAGACTGAG	GCTGACTGGG	GCAAGAGTGG	GCTATGAGTA	TAAATAGGCC
57151	TGGGACTCAA	GGGTGTAGGA	AACAAGATCC	GAAAGGTAAG	TGGGAATGGA
57201	TCCTGAAAGA	CCC'TGCAAGT	GGCAGGGCTT	CGTCTTTTAT	T'TGGCTGCAA
57251	TG'TAGTCATT	TGGGT'TGGGC	CAGAAGAAAA	CAACCCAG'TT	TCCACACGTG
57301	AACTCTTGCT	TCTCTGTGCA	GGAGAGGCTG	CAAAGGGGCG	AGGAAGCCAT
57351	GGAACAGACA	CAGCAGT'GAC	CGGGGCAGAG	GTTAGGCTAG	T'TTGTCCCCG
57401	TGTGCACTAG	ATGTGTGGCA	AGCACTTCAA	GTCTAAGATT	GT'TGTGAAAC
57451	CTCGAGTGGG	AGGAIT'GGTC	GACGGGTGTG	TATGGGAGCA	ATTGGTTCGTG
57501	TGATGCCCTG	AGCCT'TTTAG	CCCTAGCGAC	TGAACTGGGA	TCCCTGGCAG
57551	GAGAGGCAGG	GCAGGTGCAG	AGGAACAGCA	TGCTTTTGTG	CTAAGTGGGA
57601	GGGGTTATCA	GGGCTCAGTT	CAGGGATGTT	TAATTAGAAA	TACCTATTAG
57651	GCGTCTCCAA	AGGTGATGCT	GAGAGCT'CAG	GAGAGGGGTC	C'TTCAATGCC
57701	GAAGTTCAAG	GTCAACAAGA	TACGCTCTAC	TTCAGGGCAA	CTGAAGACAT
57751	TGATTCACAC	ATGACT'TTGG	CAAAATGATG	ATTATCAAAC	ACACAAACCA
57801	AAACCAAAAT	AAATAAATAA	ATAAACAAAT	AAATAAACCC	ACACACAAAA
57851	AAACTAGATT	AAGAATGTCA	GATTTAAAAA	TCCACCCCTA	TTCTGCTACC
57901	CTCAAATACT	TGATTTGCTT	TCTCTATATT	CCCTCCTGGT	T'TTGCCCACT
57951	GGTACACATA	AT'TGCACAAT	GCCGTTCTAC	CCAT'TTTGCT	TGCCAGGAAC
58001	TCATAGACAT	TTCCTAAGTG	GCTCCTACAG	TGCTCAAAGA	GGATT'TGAAA
58051	GGCTGACAAA	ATGTAGGGCA	TGGAATAGGC	TAGAAAGAAA	AGTTGAAAAA
58101	TCTTAAATAG	CTTGGT'GACC	TACGGTAAGC	TGTGTGCCTA	CCGTAATCTT
58151	TGTGGCCAGT	GACTCCTTGT	TTAGGAGACT	GAACT'TTGAG	ATGAA'TGAGG
58201	GCAAGCCACC	T'TGCACTCAG	TCAGGGAGAG	AT'T'C'TAGAAA	AAGAGGGTCT
58251	GTGCAAAGGC	CCAGGAGGGA	GAAAAAAACA	AACAAACAAC	AACAAAAAAA
58301	AACACATGCT	AT'GGT'T'IGAA	TGGAAAAATA	TCCCATGAAG	GCTTATGTAT
58351	TTGAGTCACT	TC'TTAGCTGG	TAGCACTCAC	TTTTGAAGGC	TGTAAAGCCT
58401	TCAATCTGTG	GGTCCTACCC	CTTTGGCAAA	CCTTGATCTC	CAAAGTTACA
58451	TAAGCACAGC	CACACACTTC	CACTTCCTCT	GAGGT'TTTCT	ACCAAGAAAG
58501	GATCAACCAT	TCATAAAATG	TTGGTCCCTAG	TGAACCCTGC	ACATTGTAGA
58551	GGCTTAAAAA	GTTTAATTTG	GGCCTCCAAC	TCACTACACA	GGAACTCCAG
58601	CGGGATCCGC	CTGTCCGTTT	ATGCTAACCT	TTCACCGACA	TCTTG'TTTTT
58651	AAGTTTACAG	AAAACGT'TAG	GGACCTAAAG	AAGGTCA'TTA	CATTACAGTA
58701	CATTACAGTA	CAACAGAAGT	TACAAAGTAG	CAATGAGGGG	CTTGGGCATT
58751	TAGCTCAGTG	CTAGAGCGCT	TGCCCTAGCAA	GTGCAAGACC	CTAGGTTCGG
58801	TCC'TCAGCTC	TGAAAAATCA	AAACAAAACA	AAACAAAGTA	GCAATGATAA
58851	TAAT'TTATG	GTTGAGGGGT	CACCATGATA	TGAGGAACTG	TATTAACCGG
58901	TCGCTGCATT	AGGGAGGATG	AGGACCACTG	TGGGGCTCAG	CTGAAGGAAG
58951	TGAGTTGCTG	GTGTAGGGCA	CCGGAGTGCT	AGATGTAAAC	CGGT'TTCCCTG
59001	TCTCCCT'TCT	AAGGCTGACT	GCACCACTAA	TTCCTGCCTC	CCGTGGAGGG
59051	TGCTTTCCAG	GC'TCCAAGCC	TTCCCTGCCAT	G'TTGGAATGT	GTCTGTGTA
59101	CCATGAACCG	AGATCAATCT	TTCCTCCCTT	CCATCACCTC	TGCCAGGTGG
59151	T'TTGGTCATA	G'TACTCAGTA	GAGTAAGGAG	GC'TGGAAGAT	TTACTACACC
59201	TGACAAAGAA	AAAT'T'AA'TCT	GTATGATCTC	AAAAAAAAAA	AAAAAAAAAA
59251	CACCACCACC	AACAACAAAA	AAACCAACAA	AAACCAAAAA	CCCTTTAGGA
59301	GTGCAGAAGC	ACAGGCACAC	ACT'TCCACTT	CC'TCTGAGGT	TTTCTACCAA
59351	GAAAGGATCA	ACCATT'CATA	AAACGTTGGT	CTTAGT'TATC	CTGTCACATT
59401	GTAGAGGCTT	AAAAAGTTTA	ACTTGGGCCCT	CCAAC'TCAC'T	ACACAGAACT
59451	CCAGAGGGAT	CCGCCTGTCC	GTTTCATGCTA	ACCT'TTCACC	GACATCTTGT
59501	T'TTTAAGTTT	ACAGAAAACG	TTAGGGACCT	AAAGAAGGTA	AGCATCCTGC
59551	TAAGTTACTC	CCTGGCTTTA	CACAGGCTTT	CTAAAAC'TTG	AGTAAGAGGC
59601	ATCCTTCCCA	TCAAAGAT'TC	CAGGAAAAACA	GCCTCCCCCC	TCCGCGGCCA
59651	CACATACGAA	TCTATCGCTG	ACAAAGCCCC	TGTAAGC'TGG	CTTATGTCTT
59701	CCCCTCGCGT	T'CACCAT'TCT	GTAAGTGCAT	AGAATTATTT	AGAGGAAAAA
59751	AAATTACTGT	GGATAAAAAAT	TGGTTCGGGG	CCT'TGGAATT	GGCCGGTCGT
59801	GT'TGTGT'TC	CT'TCCAGGGC	CGGCAGGCGG	GGCACCAGGC	AAGGCT'TGGA
59851	AGCCGCGCCT	C'TC'TCAACCT	CTCCTGGCCA	CCCT'TGCCCA	ACTTCCCCAT
59901	AGACACAGCT	TCAACTAAAA	GTGGCCATTG	ACC'T'T'CAAG	CTT'TTGAGCA
59951	GTGGGGCAAC	AGAACAGTAT	TTCAAAGAAA	AATGGTTATC	GAAATTTGCA
60001	ATCCGGT'TTT	CCCATGAGTG	TTTTTTT'TTT	GTTTTTGT'TT	T'TC'TGT'TAAA
60051	AAAAAAAAAA	G'TAGGTCACA	T'TCAAAGTGG	GTCACGT'TTC	AGGAGCCGGC
60101	GTGCCTGGAT	GCCGGCGCGG	AGGCTAGGTG	GCC'TCTTACA	GAGTGGGAGG



60151	TGAGGGTCCC	AATAGGAAAG	AAGTACTGGG	ATCAATACGA	ACTCCGGGTC
60201	CCTGGCTTTG	CAAGGATTCA	CAGAGACAAA	CGCACCAGGC	CTGTGACCCC
60251	GCACCCACCC	CGGGCACAGG	TAAGGGCACC	TCCTCTGTAG	GGTGGCCAGG
60301	GTGGGTCTCC	CGAAGGGCAA	GCAGGAGTTG	AGCTGAGGAG	GAAAGGAGAA
60351	GCTGGGCAAG	GCTGATGCAG	GGGACTACCA	GTTGGAGCTC	CAGGGGGGAG
60401	GGATTGAGGG	CAGTCTGCGC	AGCTTTAAGG	AGGCGCTCAG	CTCGTCTCTT
60451	TCCTGGCCCT	CTAGGATGCT	GGCGGAGGGG	ACAGTCTCTG	GTTCGCTTCC
60501	CGAGGTGCCC	GGGAGTGGTA	GTCGACCTGG	GCAGTGGCGT	GCTAGCTCTA
60551	GCTCTGTGTG	TGCTTTAGAG	AGGGAGGGAC	GGACATCTGA	GCCCCGCCCC
60601	CTTCCCGCAC	GCTGGTCTCT	CATCCACAT	GGAGGAGAGG	AGGGTCCGCT
60651	CTGGCAGGCG	CACAGCGGGG	TGGATGGCTG	GCCTAAAGGT	TCCCTCCCTAC
60701	GTGGAGGGCT	GGGGAGAAGA	GGGGCTGCTA	TTCCGCGGGAC	CGAGGTGCTC
60751	AGCTGTTGCA	GACACAGGGG	CAGGTACTGG	TTGGCTTAATA	GGCATTGGCT
60801	GGGGACTTCT	CCTTGTTCCT	GAGCACCCCG	AGGTGCAGGG	TCAGAGGAGG
60851	GCGGAGTCCG	AGGCTTCCAC	CTCGACGCCA	CCAGCACCAC	CACCCGACCC
60901	GCTCTGTCTC	ACCCGGCTCC	CTTGAAGCCT	GCGCATTTAGC	GGCCGGGGCC
60951	TCTTTAAAGC	GCTGGCGGGG	GCTGCGGTCA	CGTGAGGCGG	ATTCTTGGA
61001	AGTTCCTGGA	AAGCGGCCTC	CGCCGCGGCC	GGGCGGGGCG	CGAGGGGCGG
61051	GAGGCGGGGA	GCGAGGGAGG	CGCGTCGGGC	TGGGAAGTCG	CGCGCACACT
61101	CGGCTCCGGG	GACAGACGGT	TAACTCTTGC	CAAGTCTCGC	CGCCTCTGCG
61151	GCTCCCGGGC	CTTGGGCTTC	CCCCCTGAAG	CATGAGCCTT	TCCTCCCGCA
61201	GCCGCCAACG	CTGCGCGGGT	CCCCGACAGT	GCGCGCCGGG	ACTCCAGCGG
61251	CGCGCCCTCA	AGATCCCTTG	TGCCCCGAGC	CCGGAAGCTT	GCGGCAGGTA
61301	CCGCTCGCGA	AGCCCGAAGG	TTCCGCCCCG	GGGGACAGTC	GCCGGGAGGG
61351	CGGCGGGGTG	CGAGCACGGG	GGCGGCGGGC	GACCGCCTGG	GCGTCCGCAG
61401	TTTAGGGCGC	CCCGGGAGAG	TTCAAGTCGG	GGCTCTGCCC	CATCCGGACT
61451	CAACTGCCTC	CTCTCTCCCG	GGTTCCCTTCT	CGGTCTCGGG	AAATTTTCCG
61501	AGCACCCCCA	CCCCCAACA	ACTGCTACCC	AAATTTATAA	TCCTAATAAC
61551	CTGATCTCCC	GCTCCTCCCC	CCAGCCCTCC	GCCCTTGCTC	CCCCACCCCA
61601	CCCTTCTCT	TTCTCCCATC	TCCTCTGCTT	CAACTGGAGG	GAAACCCGGC
61651	ACTGGCGAGC	AGGGGTGTCA	GCCTGGGGCG	GAGAGGGGGG	GGGGAAGCTA
61701	GGCGACGATC	CCTGGGATTT	TTGTCTGCCT	TTGGCGCAGA	AAAACCTCGGT
61751	TGCTTTTACT	GAGCGCAGAG	CCGATTGCAT	CCCCAGGCAT	CTCCTTCCAC
61801	AAATAAACGT	CACCCGGGGA	ACTCAGACGG	ACACCCCTCC	TTGCCCCCTG
61851	GCTCCCCCGC	CCCTTGTCCG	CTGGGGAGGC	TGCCTAGTGC	GGAGGCGGCA
61901	TGCGCGGCGG	TGGAGGTAAG	ACCTCAGTCC	CAGTTGATGC	CATGGCCCCG
61951	TGCGCTCGCT	GTTGCGGGCT	CAGCCCCGGC	CTCATTTGGA	GCTCCGGCGG
62001	GGGCTGCACG	CTCCGGCCGA	TTCTTCGACA	GCGCCCGCGG	CGGCAGCCGC
62051	AGGAGCCGCG	GTCCGCGTTT	TGGAGCGACC	GCCGCTGAGC	CCCCCATCCT
62101	CGTCTGGAGC	GTGCTCCAGG	AAGCGGCAGG	AGTGGGGGTG	AGGCCGCCTC
62151	CGAGGCAGGG	ATGCAGCGGC	TGGCGCGCCG	CTAGCGCACC	GCAGCACCTT
62201	CGGCTGGCGA	CCCAGGAGCC	CTGCGGCGCT	TTAGGGCGTG	GAACCAGGTT
62251	TTGCCGGATG	CATCCTCCCA	AGCGCCCTGG	GGCTGCTCGA	AATGTAAGAT
62301	GGAAATGCCA	AGTGCAGAGA	ACTGCCCGGT	TCTTTGTGTA	ATGTTTTCCT
62351	CCCCACCCCC	ACCCCCCACT	TGCCCCATGAC	AAAGGCCTAT	CCATCCGGAC
62401	CCGCAGGTGA	CTGTTTCCTG	GGCTGCCTGT	GTGTAATTC	AGCACACAGT
62451	TCTTCGGCGG	GAAAACACCT	TGTTTTACTCT	CACTCCTGTCT	CCCTCCTCAC
62501	CCCTCTACTC	CGGCCAACCT	TAGTGTCTTG	GATCTCTGCC	CTTTTACCC
62551	GTCTTTCCCC	AGAGTTGGGC	AGGGCGTTAG	CTGGATGCTC	GGGGTTAAAT
62601	GGTACAGAAC	ACGCAGGCGG	AGGAGTCCCT	GGGATTTTCC	ACGTGTCTGT
62651	TTACCCACCC	CCACCTCGGC	CGTAGGGGTT	CAGCCCAGAC	TGACCCAATC
62701	TCTGTTCCTAT	TGTTTCTTCA	CAGGCGATCT	GTGGGTGACA	GTGTCTGCGA
62751	GAGACTTTGC	CACACCATTC	TGCCGGAATT	TGGAGAAAAA	GAACCAGCCG
62801	CTTCCAGTCC	CCTCCCCCTC	CGCCACCATT	TCCGACACCC	TGCACACTCT
62851	CGTTTGGGGG	TACCCCTGTA	CTTCCAGGCA	GCACGCGAGG	TCCACTGGCC
62901	CCAGCTCGGG	CGACCAGCTG	TCTGGGACGT	GTTGACTCAT	CTCCCATGAC
62951	CCTGCGGTGC	CTGGAGCCCT	CCGGGAATGG	AGCGGACAGG	ACCGGAGACC
63001	ACTGGGGGAC	CGCGGGGTG	CCGGAGGAAC	AGTCCCCCGA	GGCGGCGCGT
63051	CTGGCGAAAG	CCCTGCGCGA	GCTCAGTCAA	ACAGGTAGGG	AGCTGGCGGC
63101	TGGCGAGGAG	TGCGAAACGG	GGCGTCCCCA	TCCCCACCCT	ACCCAAGGCG
63151	CTGGCGGAGA	GCGCGGCTGG	GACGCGGGCC	CAGGTTCGGG	GCACTGAAAG
63201	CGATGGAAC	ACTACTCCTC	GCGTCCGGTC	TCCGCTCGGG	GAACCGCAGA



63251	GAGGGATGCC	CGGATCTTAG	GTGACCACAA	AAGCAAAGTG	GAGGGACGCT
63301	GAGGCTTGGG	CAAGGGCCGG	GAGCGAGCTG	GGCTCA'ITTT	GGAAATGTTC
63351	CCCCAGCACC	T'TGGAGCCTA	GGCTGCTTTC	AGCCGGAGCT	CCCGCTCGCT
63401	CCGGCGTGGG	AGAAAAGCGG	CCAGCGCCTC	TCTTAACTGG	CCCGGTGCGC
63451	GGGCGGCCAG	TGGGC'TGTGC	TGCC'TCCTGT	CTGGGCTGTG	AGCGCTCCCCG
63501	AGAGCACAGC	CGCCTCTGCC	GCAGCCCCGG	T'TGATGGCAG	CCAAGTTCAG
63551	ACT'GTATGAA	TCCGAGCTGC	TGGGGGTGGG	GGG'TAGCCTG	GGCCGAGTGC
63601	AGCCTGCTCC	CCGCAATGCG	GAAAGCACCC	TACATCTGAA	AGCAAAGAAG
63651	AGAAATTTAT	ATTTCTCCTC	AATAGCTCGA	AAACAAT'TTG	AGTCTTAAAA
63701	AATCTGGCTT	CTGAAAAC'TT	ACC'TTTGAGG	CAAGACAAC'T	TTTGTAGCAG
63751	TAGATCTTGG	GAGAGGAGAA	AAAGTTCCAG	TCTTTCCT'TT	CGGCCCTGGG
63801	CTTTCCTTGG	GAAAG'TTTC	CGGTAATATT	TTTTTG'ITGC	GGGGGGGGGG
63851	GGTGGCGAGA	GGGGAGCTGT	CGGCTGAAAC	GGAGGGGGGG	ACATTGT'TCA
63901	AAGT'TATTAA	ACGAAGTATC	T'TGAGTTACT	TTTGTAAGTG	AGGTT'TAGAA
63951	TCTGGTCAAG	ATGAATCAAA	TGGAGATTTC	AGAGAGCAGG	GGT'TATTTG
64001	ATCCAGGGCA	AAGTCCAAAA	GAGTATAGTG	AAGACTGTAA	ACTGT'TTCTG
64051	C'TCTTCCTGG	GAAAC'TGAGC	TAGTTGTAAT	CAAAGCAGTC	AACAGGAGTG
64101	CTTCCTAGGG	CTTCTAACGG	AGGCTAAATG	TTACAAGT'IC	TTTGGGGG'IA
64151	GGTTAGAGGG	CTACCAGCCA	GTCAAAAAAA	AGTTGCTTCT	GTTTTTAAATG
64201	GAAT'TATCGG	AGATAAGCTT	TCCACTT'TGT	CCCCTAAC'TI	CTAATTTAGT
64251	TCTGATT'TAC	TTAGGTT'TTT	GTTTCAGTTA	AACTGTACTG	AAAGGTTTTT
64301	TTTT'TTTTTT	TTTTCTT'TGT	CAGCCAATAT	GTCTGTCATA	TGCGAAAAGT
64351	TCTTTTAGCT	CATTAGGAGA	AAACCTTAAC	ATAATTTAAA	GAAAAGCTAC
64401	AGAAAA'TCAT	TTGAAAAGAA	AAAAAT'TGCT	TTACAGTTGT	GCCTAGAATG
64451	GACTTAAGT'I	TTTATTTAAA	ACTTACCCAG	AGATTTGTGG	TAGGCCCTGG
64501	TAAACT'TTAA	CTCACAGGCT	TTAAAAAAAA	AAAAAAAAGG	TGTAACAAGA
64551	GAAATTAGTT	GAGCACTGTG	GTACAGGT'TT	ATAAATCCCA	AGACTTGGGA
64601	GGTGAGTGAA	GAAGAACAAG	AAGGTTCAAG	GTTATCCTTG	GCTACAAAGT
64651	AAAATTGAGG	CCAGCCTGGG	CTACAGGCTG	CCCTGTCTCA	AACAAAGCAA
64701	ACCGACTAGA	AAAACGACTG	CCAAGTACAG	ACCATACTCT	AAAAATTCCT
64751	AATAATAACT	AT'TTCACTTT	CTCTTCTTTT	TCTTTTTTTGA	ATGAAAAACC
64801	CCAGGATGGT	ACTGGGGAAG	TATGACTGTT	AATGAAGCCA	AAGAGAAATT
64851	AAAAGAGGCT	CCAGAAGGAA	CTTTCTTGAT	TAGAGATAGT	TCCGATTCAG
64901	ACTACCTACT	AACTATATCC	GTTAAGACGT	CAGCTGGACC	GACTAACCTG
64951	CGGATTGAGT	ACCAAGATGG	GAAATTCAGA	TTGGATTCTA	TCATATGTGT
65001	CAAGTCCAAG	CTTAAACAGT	TTGACAGTGT	GGTTCATCTG	ATTGACTACT
65051	ATGTCCAGAT	GTGCAAGGAT	AAACGGACAG	GCCCAGAAGC	CCCACGGAAT
65101	GGGACTGTTT	ACCTGTACCT	GACCAAACTT	CTGTATACAT	CAGCACCCAC
65151	TCTGCAGCA'I	TTCTGTGAC	TCGCCATTAA	CAAATGTACC	GGTACGATCT
65201	GGGGACTGCC	TTTACCAACA	AGACTAAAAG	AT'TACTTGGA	AGAATATAAA
65251	TTCCAGGTAT	AAGTATTTCT	CTCTCT'TTTT	CGTTTTTTTT	TAAAAAAA
65301	AAAAACACAT	GCCTCATATA	GACTATCTCC	GAATGCAGCT	ATGTGAAAGA
65351	GAACCCAGAG	GCCCTCCTCT	GGATAACTGC	GCAGAATTCT	CTCTTAAGGA
65401	CAGTTGGGCT	CAGTCTAACT	TAAAGGTGTG	AAGATGTAGC	TAGGTATTTT
65451	AAAGTTCCCC	TTAGGTAG'TT	TTAGCTGAAT	GATGCTTTCT	TTCTATGGC
65501	TGCTCAAGAT	CAAATGGCCC	TTTTAAATGA	AACAAAACAA	AACAAAACAA
65551	AACAAAACAA	AAACAAAATG	TCCCAAGGAA	AGGCAAGAGA	ATATTCCTGT
65601	CAGAATGACT	TGCCTTTGTT	TTTTGGGTTT	CTATGCAC'TG	GGTCAAAGT
65651	CCAAGCTCCA	TAGGAGAGAA	AGAAAGGCTT	CCATTTCCAG	GAGGACAGCT
65701	GAAGGAGGGA	AAGACCTGG	CTGACCCAGG	CTTCAGCTCC	ACTTCTAGAC
65751	GCCTGGGG'TT	CAGTCTGTGT	TAGAACCTGT	TATAGTTTGC	ATCCTGATGT
65801	ATCTAGTAGG	AGTTCCG'TTA	AGCTGACCAT	GCTTGATTTT	ATCCCTCGTC
65851	T'TATGCAACT	AATCAAATCA	ACCAAAAAAA	GGAAAAAAA	AAAAAAA
65901	GAAACGAAAA	AAGAACCATC	ACCATGAGAT	CCTGTATTTG	TCTTTTTTTA
65951	CTACACGTAT	GACCTCCCCC	GTGAGTGAGT	ACTGTAGTCC	TCCATCTCAA
66001	GGCAGCCT'TA	CTTCAGACAC	ATTTCAAACT	GGTGCAAAAC	GAAAAGACTT
66051	CTCTCTTTTC	T'TCTGAGGCT	AAAGACAAGA	ATGTCACGCT	ATACAGGTGC
66101	AACCTCAATCC	T'TGAAAACAG	AAACCAATGC	AGACAGAGAC	ATTTTACCCC
66151	T'TGATGTAGC	TGTGAGTCCC	AACCTAGTGC	CATTGT'TTTT	ATTTTATTTT
66201	TTATT'TTTGG	AAATGGC'TTT	AGAACTTTCC	AAGTTATCCT	TGAATTGTCT
66251	GACCACGGAC	ATCAACAGCT	GCCTCCCTTC	TACCATGTAG	AATCCTATGA
66301	CTTAAC'TTTT	CTTCCAGATA	TAGAGGGGTA	CCTGCCTGTT	TTTCAAAGTG

66351	T'TTATT'TACT'	GCTGT'TACTA	T'T'GATTAGA	ATG'TATCAAA	TAAAAACAAA
66401	CC'IGACTTTT	ACAAGTTGCA	CTCA'TTACTT	TGAGTTGTAG	GTGTACATTT'
66451	CCATGCTAAT	AAAAGGTCGC	CATAAAAACT	CATTATCAAG	TGAAA'TAAAC
66501	TAAGCAATCA	GCTCAGGGTA	GAACATTAAC	TCGCT'TGCCT	CCAAATAAGG
66551	CCCACACCTG	C'TC'PATGTGT'	TTTAGAAAAGC	ATGGTT'CACA	GGCTAGGAAT
66601	CGTCAAGACA	GCCTGATCAT	GTGCAGGCCG	GATGGGCACA	ATCCTTGTGC
66651	A'T'T'CAAAAAG	CAATGGT'TTA	GAAGCGATAA	AAGT'T'ACGTC	AGGG'T'CTAAA
66701	CTCTAACAAG	TTCCGCAGCC	GCTTTCTCTT	GGCCACCCAG	TCTCACGACT
66751	GCTGTAGCAT	CCCATCTTCT	CTAGAGTCTA	GACAC'PATGC	CTCTTGCCGC
66801	CCTGTACATG	T'T'PCCTGGCC	GGGCCGTAGG	TTCTGTGTGTG	TCCAGGGTGA
66851	AAGGAGAACC	TGGGGCGTCA	TGTGCACGCT	CTAAGTGAAT	AGGAAAT'TAT
66901	AAAAGTGCAG	AATAATAGAA	CTGACTTACC	T'TGCAGGGTT	TGAAGT'CCCC
66951	AGTTT'TACAC	CAGGAAGGAA	ACATTAAGT'T	TATCCAACCT	GGATGGATTG
67001	CTGGGTGTGG	CT'GGGAAGA	GCCTGCTTCG	CTCTGCTGGG	TGGTGGGGCA
67051	ATACTAGGCT	T'CCCGCTAGG	ACCTTAGAT	CTCCC'T'ITTG	CACACTGATG
67101	ATGATGGT'TC	TCTGGTAGAA	CGCTTGGGCT	AGCAAGGGGC	T'TGT'GGAAT'
67151	CCTTTTCAGG	TCTCCCTGCT	GTTCCTCAGG	TAT'TGGGAGT	GAGGAGGCAG
67201	TCAGAAAGACC	CTGTGCCTGT	GGAGTTATGA	CAAGCT'CCCC	AGTGT'TGCGT'
67251	TCAGCGCCTG	CAGGTGTGTG	TGTAT'TGGGA	GCCCAGATTC	ACTGCT'TGGG
67301	GCTGTGATAT	GGATCACCT'T	ATCTAACTCT	AGT'CTGATG	GCAAGGAAGT
67351	TGATAGGCAT	CAGGGGACAG	T'TTTGT'TTT	T'TTT'GT'TTT	CTTCT'TTAT
67401	AGTTT'TAAT	ATATTTACTG	AGTTCTTGT	GTGCCAGCCT	CTGACTCAAT
67451	ACTTCA'TAAT	AT'C'CATTTG	ATCCT'CGGAA	GGACCAAAG	AGCAAAG'TCC
67501	AGGATTTATG	GGAAGTGAAT	AGTTCCACAC	TGATCCAGT'T	AACAAGT'TAG
67551	AGCAGGCTGT	AA'TAGCAGTC	T'TTT'GCTGC	GGCCTCAACC	AGACTAGTGC
67601	AGATACTGTA	ATTAGTGT'TG	CGTCTCTCT	CGCTTTAAAA	ACAT'TTTCAA
67651	GAAGTGGT'TT	CTTGGTGCAT	GTGTGTATGT	GTATGCATGT	GCCATGTCAT
67701	ATATGTGGGA	GGTGTGGCAC	AGCTTCTCCG	TTCTTGCCCTC	TGCTGCGGTG
67751	GGCTCCAGGG	ATTGGACCTC	AGTCTTTACC	GACAAGCACC	CTTACCCATT
67801	GAGACATCTT	GTCAGCCCTC	CAGTCAGTCT	GGCCAATGGC	T'TTTTTTTTTT
67851	TTGAAGATCC	CTGAAATAAG	TGGTAAAGTG	GGGGTGGGGA	GGGAGT'TTGT
67901	CCCCTTCCTG	GGTGACTACT	AAATGATGCC	AGGTATCACT	GACTGTCCCA
67951	TCTAACAACA	GAAACAAAC	TGGATTCAAC	CAAGGTGTCC	TCAACAGAGG
68001	CTGGAAAATT	TCTCTTTTAC	TGTTGT'TTTT	CTATGGGGGG	TGGTGTGAAG
68051	CATTAGTAAG	GACATTTAT	ATTGAGAT'TC	TAA'TTGTTCG	TGTTCTTGTG
68101	GCCTGTCCTG	TGCTCTGTCTG	CAGGATTTGT	GTATCCACCC	CCGACTTCAG
68151	TGACTGCTAT	GAGTTTCTGT	TCAGAGGACG	CAGAGGTGAA	GGAGCGTATG
68201	TCATCCCATC	TAAAGTTACC	AACACAGATA	ACAGATGTAA	TGACATCTGC
68251	TTTCTTTTTA	GAAACAGGGA	CCCCCAGTT'T	GTGTGCGCT'T	GGAGCTCTTG
68301	CTTAGTGTTA	TTAGTATGAA	GGTTTTGACT	TCATCGTAAT	TACATCATTC
68351	AAATAGGTGA	CAGAAAGGGA	CTGTTGGTTG	TTCCACACGG	TTTAT'TTCT
68401	TGGGAAGCCT	TTCTTTCCCC	TGCTTTTAGA	AAAT'TGTACC	CTGCTTGGCG
68451	GAGGGTAGGA	GACAGACACG	TCATCAAGTA	ATCCAAGGGA	TGGAAT'TCC
68501	CGAGAGCAGA	CTATGCCCT'T	CTGGTTGTGG	G'T'TGGGCAC	AGGGCAGGAG
68551	GGGGCTGTGG	C'TCTAACAGC	TGGGCCGAAG	CCTCACTGGC	TCCCAGAAGT
68601	CCTGTCCATC	TTCTAGACCT	CTACCCAGAA	TGTGGCTCTG	GGCCTGTCAT
68651	TCCCTCAGAG	GCTCTGCGTT	CTCC'PCATCC	AGT'TGT'AAAC	TCCCTAGAAT
68701	CCTGGAGTCC	GGAACACACT	GTTTGGGTCA	CTCAGCCCAG	GTCC'TTATA
68751	GGAACCAGAA	CATTTCAGAT	TCAGGGACTA	GAAATCTAGT	CAGCAAATGG
68801	GCAACATACA	AACCCAGAGC	TTAGGTCCGG	TGGAAGCTCC	ACCCTTCTGC
68851	CCTCCCTTCA	AACCGCCTGT	GCCCTTCTTT	GC'TGCAGTTA	CTGTAAC'TTA
68901	AAACTTGCTT	CCTCTGACAT	GCAAAATCAG	GT'TTTGGGAT	GTCACCACAG
68951	CAGGATACTT	TCAAT'TCTTA	GCTCCTGCCC	CACTCTCCAG	GATTACCCCT
69001	TTTGTCGTGA	TCCACTGTAT	AATGAGATAT	GTATTAATTT	GAAT'TCTTTA
69051	GTTCT'TT'TT	TAATCATTTT	GGAGATTGAA	CGTAGGTCTT	TCCCCACGCT
69101	TGGCAAGCAT	CCTACCGTTG	AGCCACATCT	CCAGTCCATG	TCAATGTCTC
69151	TCTAATCTGT	TTGCTGTTTG	AAAGCCGAAG	TCCTCCGGTC	CTTGCTGTGT
69201	GGTGATCTCA	TGACACGTCT	GCCAGATGTC	ACCCACACAT	GGCCAGGGTG
69251	CCCAGCTGAC	TCTACTCTCC	TGTGTTTGCT	TACCAGTAGA	GTCTGTT'TTG
69301	GC'TTTTGCCT	CC'TCTTACAT	GCAGGTAGCT	CCTGCC'TTAC	TCTCTCCTGC
69351	TCTTCCCACG	ATGCTGTCTT	T'TTAGATGGT	CGATTAGAGA	AGTCC'TGGGT
69401	GGCTGTATGA	TGGGCCAGCG	AAGGATGGGA	ATTCAAGTCT	ACTTGAATTA

69451	GGTAAACTGA	CAGATTTAGG	GTCCTTAGGA	TTAAGTCTGT	GTC'TGT'TTCT
69501	CTTTAGTTC'T	CTTCAGGATT	TAAAAACCAA	AGCCAGTTC	TAACACCACA
69551	TTTCAACACT	T'TAAAAA	AAAAA	AAAAC'TTGT	TAT'TTAAACA
69601	ACCGTAGGCT	CCTTACTTGC	TAGTTTATGC	TCTATTGGGA	AGGAAGAAAG
69651	ACAGCCCTTC	T'TTAGCTTGT	TTGT'TGCTGA	GGGCAATCCT	TGCACCTTCG
69701	G'TTTGGTCTT	CTCATTTCTCT	TCTGCTGCCC	TGGAAGAT'TT	TCTCCAGT'TT
69751	TCCCTCTATG	TGGT'TTCAGA	GTAAGTCACC	TTACCTCGCA	CTCAGCTTAA
69801	GGGACAGCTG	TTGTTGGAGT	CAGCCTCTAA	AAGCCCCGTT	TG'TCCCCAAAT
69851	GCCTGACTAG	CGGGTCAGCT	GAAGCAGTCA	TTGTGGTCTT	CCTACCCACC
69901	CTGTCC'TCAG	CTCTGTCCAC	AAGGGAGGTC	TGAGCTGCCA	AGTCTGACGG
69951	GGGACTCACT	TCCATAAACA	TT'TACTGAGC	CATAAAAATA	AAACTGCT'TT
70001	TATAGACAAC	TCTCACTTTG	AACTCCATTC	TTCAC'TTGGA	GAAGAAGGCG
70051	CTGCCCTCG	AGCAGGAGCA	G'TTTGTGACG	GGTATACAG	CCCGTCTGTG
70101	CCCTCATCTC	AGTGAGGAAC	AGAGGGAAGG	GAGACTCAAG	CTCAGAGAG
70151	GCTTGGTGCG	AGCTAAGAAA	ATAACACCAG	CTGCC'TTCC'T	CTTCTGTTTC
70201	AGCCTAAGT'T	CCT'TCCAGAG	AGCCCCCTCG	CTGCGGCGAA	ATAAGACACA
70251	T'TTGCTAGTT	AAATCATCAC	AGGACTTCAT	ATAT'TTTTCC	TAGACTGTCC
70301	CAGTTTCCAG	TCATGTTAAG	ATAAAAGAT	AGCC'TTTTTG	CCAAATGGTT
70351	TTTCCCTTCT	GT'TCTTTGGG	CAGCCCTT'TT	CCTGTTCAGA	TTT'TGATC'TT
70401	GTGTTGCTAT	GATCT'TTCTT	AGTCT'TTCAG	GAAAACCCTC	CCCATGTTGT
70451	TTTCTGCCCA	GGGAAGTTC'T	TTTCCCACTT	TGACTTTCTG	CACCCAGATG
70501	AAC'TGATGAA	CTGCGTTCCC	TTAGCTAGTA	GACGGAATCC	TGGGTTTGGT
70551	CAGAAAGTAA	GTG'TGTTCTT	GTT'TTGTTGA	TTTTATTTAC	CTACCTGTTC
70601	TCCATTATGT	GGTGA'TAAAG	GGCGGAGAGA	GTGCCTGCTG	TCAGACAAAC
70651	CCTCTGCTTC	CTCTCCGTTT	ATTCTCACTG	GAACCACTGT	CAGAAAAATG
70701	GCTTCATGTC	ATTATTATTT	AAGTATA'TTG	AAGGCAGTAA	TAGGGTTGGG
70751	CAAAGAAAAA	GGGGTGAAGC	CTCACTGGTG	TGATGAGGGG	CTCTTCCGAG
70801	TCTCTCATTA	GGTACCCAG	GCTCTCAAGA	CTATGACCAG	T'TTAT'TTCTA
70851	TCACCCCTGTG	TACCAATCCTT	TGCTCTTGAG	CTGGGGTAGG	ATTGAACAGC
70901	TTTAGCGGAA	AAAAAAATTC	TTCTTCTAAG	ACAGGGCCTT	AGGTATCCTA
70951	GACTCGAATT	GGAAC'TCGAT	GTAGAGCTAA	GGGTATCCT	GAACCTCCTGA
71001	CCCTCCTGCC	TCCGTCTTTT	AGCTGCTGGG	ATTACAGGTA	TGTGCCCTGCC
71051	TGTATCAAGC	CTGTTAATGC	AGTGAAGCCA	GGGCTTCCTG	GGCTCCAGGC
71101	AAGTTC'TTGA	CCAAGTGAGC	TACTTTCCCG	GAAACTGGCA	ATCAT'TGTCT
71151	TCAAAAATGT	GTTCCTCTTT	TATATTGGGG	AGTGT'TACCT	TTTCTGTGTG
71201	GACCGGGCGC	TTTCTGATTC	AGCATCTTTT	TCTCATCCGT	TACAGTGTTA
71251	TCTGTAGAGT	TTAGAGTTGC	AGAGAATGGA	TATCCTTCAA	GTCT'TTATTT
71301	T'TTTTAAATG	ATATATT'TTA	TGTATGTGTG	CATGTAATGT	GTATGTACAC
71351	ACACACACAC	ACACACACAC	ACACACACAC	ACACACACAT	TCATGTAGAT
71401	ACCCAGAAAA	GACCAGAAGA	AGATGTCAGA	T'TATGGTTCT	GAGCTGCTAT
71451	GTGGGAGTTG	GGAATTGAAT	TCCGGTCCCTC	TGGAAGAGCA	GTAATAGCTC
71501	CTGGTGTGAG	AGCCATCTCT	CCTGTCCCCA	TCCACAAAGT	CTTGGGACCA
71551	AGGCCTAATA	AA'TCAAGGTG	TTAACCTTCT	ATTTATATTC	ATTTGGTACC
71601	TGTTATATTA	TTCAT'TAGGA	ACTCAGGGAA	GAGTCACACT	CTCACATTAT
71651	AGAGGCCCTC	TTACCTTATG	GGAAGAGATA	GAGAAGACAG	GATTCATATT
71701	TATTCAATAG	TCTGGTCTGT	CTCATGCCCC	ATTGGT'TAAT	CTCCACAACA
71751	GCCAGGAGCA	T'TACAGACTC	CTTTTAT'TGA	AAATAAAACA	GATGCT'TGAA
71801	GATGGAAACT	GTAGCGCCCA	GCAATACTGC	CCTACGACTA	GGAGTCTGTA
71851	CCTGTATGGA	GACTATGGAA	CACAACGCAG	GGTTATAGCT	ATGAGTGACA
71901	CCATGCTCTC	CTCTCCTCTT	AGTCTGATAA	AGCATTCCTT	ACATGAGAGA
71951	ACTGGCTTAG	GCTTGTGCTG	TGTACTGTCC	TTCTGGACTC	CCTGGGTGGT
72001	AGGACTTAGA	GGTGAAGAGT	GAGAGATGTG	TGGCGGGCAG	GCAGGAAGCA
72051	GGTGCC'TGGG	AGAGGAGTGG	AGAGGCAGAC	AAGATGTTCA	AGTTTGTAC
72101	CGGGCTCAGA	TTTGTCCCAG	ATTTGTTCCA	GATTAATTTG	GAGCTCTGGG
72151	TCTGGAAGCT	TTCTGTTTGA	TACCAGCTTC	CACTCTGGGC	GAGCTGAGCC
72201	AACTCTGCC'T	TTTCAGGAAA	GCAGGGAGCA	GTGGCACAGT	GGGTGCCATT
72251	CTGAAC'TGGG	AATGGGAAGA	GACTATTTCT	AGTTGCTTTG	TCTTGGACCA
72301	AACGCCGAGC	TTCTTAGAGG	CTCAGATACT	ACATGTGTAG	AATGTAGAGC
72351	T'TGCAGTACT	GATGTCTACA	GTCAGTCTCT	TTCAGGAAGT	TACCC'TCACC
72401	TATGAGCACA	TCAGGATGGG	AGGAGACAGA	GGGGCAAAC	CTATATTTTG
72451	TTGGGTGGTC	TCAGATTGAC	TTAAGT'TTAA	GCATAGATTT	TTGCC'TCTAT
72501	GCTATCA'TAG	GCTCTGGCTT	ATTTGGGGAA	AGAGAT'TCTC	TCTACCC'TAA

72551	ATTGTTT'TTT	CCCTT'TT'CAC	AGTCAGAGTC	AGTAGACTGT	TTT'TAGTATG
72601	GTAAGAGGAA	TTT'TATGTTG	TTTTCTGAGC	CATGAATCTT	TGGAGCCCTG
72651	GCCTGTATTC	AGAGTATAGA	CTTGGGCTTT	TAGATCCTGG	CTGTGATGGA
72701	GGAGGCTCTG	ATGCTGGGAA	CCGAACCTGTG	GCCCCGGTCC	TCTGCAAAAG
72751	AGCAGCAAGT	GCTCTTAGTC	ACCGAGCCAI	CTCTCCAGCC	CCTAACCATC
72801	TTT'TGTATT'	GGTGGTCTAC	TCCCTGGCTC	CATCAACTGA	TACTTTGT'T
72851	CTGGCCTCCT	TCCCAGCTGG	GACTATAGGT	ATACACCATC	CTATACCAC'
72901	GATACTTTGT	TTCTGGCCTC	CTGCCCAGCA	GAAACTATAG	GTATACACCC
72951	TCCTGTACCA	CTGATACTT'	GTTTCTGGCC	TCCTGCCCAG	CTGGGACTAT
73001	AGGTATACAC	CATCCTGTAC	CGTTCCTCCT	GGATCTGTCT'	TAAAGCAGGG
73051	GTGCCCACTT	CTGCTCTTGA	CACCCACAAT	GGTTTGGGTG	CCCTT'TGTTG
73101	CCAGCAAGAG	AGAATCAGGT	TGAAATTTAC	TTGCTAATCT	GATAGAGATG
73151	ACAGCTGGTA	GAGCCTTCGA	TGCTGTTTTT	TCACAGAGTA	AGT'PCTTGC'
73201	TTGCAACTT'G	ATGCAAA'TGG	AAGT'TAGTCA	CCAGGAGT'G	TAAGCTGGC
73251	TTTCTCTTGA	AGCTCACCTT	ATCTCCTTTC	T'TTCTAACTC	ATCCACTCTA
73301	AGGGTGTCTG	TTAAGCCAGC	AGAAAATAGA	CTGATACAGC	AATCAGGGAG
73351	AGAATAGAGG	AATGCAGGCA	TCAGATCAC'	TAGCCTGGCA	TAGTTTAAAG
73401	CTCCTGGTGT	AAGTCATGTT	GGGCAGGTTG	GAGAA'TTCAT	CATGTTCAAA
73451	GAGTGGGAAT	AAGGCAGCAG	CGATTCCAAA	ACAGACCAAC	TCT'TCAGTTC
73501	CCAAAGGAAA	TTAATCCTGT	CTTTCTACAG	TGTGAATAAT	TCAACACAAA
73551	TAAATTATAT	ACTCACTCAC	GTTCAGGGAT	TACTCCTTTA	CCTAAGCCAC
73601	CTATTTCAGCA	TTACCTCCCT	CCCTCTTTCT	TTCTTCCCTCC	CTCCCTCCCT'
73651	CCCTCCATCT	TTCTCCCTCC	CTCCCTCCCT	CCCTCCTTCC	CTCCCTCCTC
73701	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TTCCTTCCAA
73751	GTTTTCTTTC	TTTTTTTAGA	TATGAGTTTC	ATGTGGCACA	GGCTAACCTT
73801	GAACTATGTA	GCTGAGGCTG	GTCTTGAAC	CGTGATCTTT	CTGTTT'TTAA
73851	TTT'CCTAAGC	ACTGGGATTA	TAGGCATCCT	TCACCATGCC	CAC'TTTT'TT
73901	TTTTTTTAA	ATCAGTTTTC	AA'CCAACATG	AGCC'TTTTTA	GGTACAT'TTC
73951	AACTACATGG	GCTTTTTTTG	TTTTAAATGA	TAAATTGATA	GCTAATCACT
74001	GATTTTTTAAA	TTGCTTTTGT	GAGGACTATA	TTCTAATTTT	CAACAAC'TGA
74051	GTCTTACACT	GTCTTTTTCT	ACAGAAGGCA	GCTGTGTATC	CAGAATAACA
74101	AGCTGTGTCT	CAACAGTGAG	CTCTACTGA	ATTTT'TAAAT	TGCTATGTCT'
74151	GACAAACTAG	GACATGGAAA	TGTACTTACT	TTAAAGCAGA	ATTCAGGTTT'
74201	TCTTTAGTGC	TACATCTCAG	GTTTTCCTATA	CTAACCTGTA	TTGAAAATTT
74251	CCACATTGTT	GATATTCTCC	CTCTTCGTAT	TATCTCTCT'	CACTTGCCTTA
74301	T'PTAGTTAGA	TATTTTATCC	ATCTGCTTAT	TCACACGTCA	GCCCCACAATA
74351	TTTATTTAAAC	ATCTACTTAG	ATCATGCATA	AAACAGGGTC	GTAGGAAAGT
74401	TGAAAGAACA	CTCTCTGTCC	T'AAAGCAATC	ACATTCCAAA	T'TACAGGATA
74451	GGTCCCTGTTG	ACATCTTTGA	GGGATGAGTT	GGGAGACGCC	AGGGCAATGG
74501	TTCCTCAACTT	TCCTGTGACA	CTTTAATACA	GTTCCTCATG	TTGGTGCAAC
74551	TCCCAATCAT	AAAATTATTT	AGTTACTACT	ACTGTAATTT	TGCTATTGTT
74601	ACAAAT'TGTA	ATGTAAACAT	CTCTTTTTTT	TTTTGATGGT'	CTTAGGTGAT
74651	TCCTGTGGAA	GGATTGTTTG	ACCCCCACCC	CCACCATGGG	GTCAATCCCC
74701	ACAGTTGAGA	ACCTCGCTCT	AAGGGATGCT	TAAAGTCAAG	GATGGTATAT
74751	ACTGTGTCTC	ATACACACAG	ACACACAGAC	ACACACACAG	ACACACACAG
74801	ACACACACAG	ACACACACAC	ACACACACAG	ACACACACAC	ACACACACAC
74851	ACACACACAC	CTCTATAGGA	AGGCTTCACT	TA'TAAGTAGA	CACAGATAAG
74901	TAACAAGGCA	AAGAATAACA	TAGAATTCAT	TATGCTATCT	TCAGATA'T'G
74951	GAGTTCACCTA	CCTGACATTT	TCAGACCACA	GTCGATCGTA	GACCAATGAA
75001	ACTGAGGGAT	ACGAAGCCTG	GGCCAATGGG	AGTGCTGGAT	AATGCCTCTA
75051	AATCTCTAGG	TGTTAACCCA	TGCAGTCAGG	CAACATAAGT	AAAAGATATT
75101	TTTAGAAGGC	TGTGATG'TTC	TGACCACACA	CAGGTAGTCT	CCCTCATTTGC
75151	CTCCCACTCA	GTGTAACAGG	TGTTTGGTAT	AAACGTCGTT	TAGTTACTT'
75201	ATCGATACTC	AAATCACCCC	CCCCCCCCCG	GGCGCGCATG	CCTAGTGCACA
75251	AGCTCAGCCT	GGTATTTTAA	TATGGCCTTA	AACAGGTGCA	AGGGTCTGGG
75301	GCCACTCTCA	AATTTCCACA	TGGGCTAACG	CCCTCCCCCG	AT'ACTCCTGA
75351	ATTAT'TACTT'	ACTAAAATCT	AAATTCATC	T'TGCTACCTT	AGACCCAAAT
75401	GAGGGACCCT	GGGTCCGC'TC	TTCCCGGTTC	T'TTCGGGCGT	ATGCTCCGCT'
75451	TCTCCAGCTC	TCAGGCCCTGA	TTTTTCTGTT	TCCCTGGCAA	AGGATTTCTAA
75501	ATCTGTCTCTT	TTCCCTGGGT	TCCCTTGCCC	ATGAAATCTA	AAGTCCCAGC
75551	TCCGTCTCCT	GCCTAGCCAT	TAGCCACCTG	CAACTTTATT	TTCCAATTAG
75601	AGCCAACGGG	GGCAGGGACC	CGAGGCATCT	TCATCTTACA	TGTAGTCTGTG

75651	CAAATTCCTG	TGTAATTGGT	AACCCAAATTA	AACAATATAA	GCAATAAACC
75701	AAATCCATAA	CATATAAGTG	TGATATTGCA	TCATAAGCAA	TC'TAGAGATG
75751	ATTTAAAGTC	GGCCCTGAAT	TACATACAAA	TGCTCTGCAT	AAGGTAAATA
75801	TGCACGGTTA	ATGCATAAGG	TAAATCCAAG	GTTTGGGATG	TCTTGTCCAA
75851	GTTCCCTGGAG	CCAACCAACC	CCACTTTGAT	ACACAAAGAT	ACTTGTAGAT
75901	TGGAAAAACA	GTGTACCCTG	TGAGGGAACA	CCTAGATT'TG	TCTGAGGAAA
75951	TCTAGGGAGA	AAGCAGGGAG	GAGGTGATTT	CTAACCTGAT	GCATAGAAGA
76001	TGACTGGCCT	GGAGGACAGA	TCAGCATGAA	GGT'TG'TTGT	TTG'TT'TGTTT
76051	GCCTGCCTTT	CAGAATTGTT	AAATGCTTAC	CTGAAAACCC	TTACAGGCTT
76101	T'TGAGTGTAG	AGT'GATAGCC	TCAGACATGA	GATCCAGAGC	CC'TTCAACCA
76151	CAGACCTAGA	CTTGCAAGGG	GCCCAGAGCT	GAAATG'TTCC	GGGCCATGGG
76201	CTTGAGGAGG	AAAAGAGTTT	CCG'TGGTCAT	TGTCGGGCATC	TTCTCAACAA
76251	GAAGGAGCCG	CCCTTCAGAT	GTGAGTCTAT	CAACAGAGGC	GGCGGAATGA
76301	GCAAAGGATG	GGAGATTATC	ACCCGTGCAA	ATCTGGTGTG	CCATAGAAGA
76351	TTACAGTTAC	TGCTTATAGT	AAAAAGTATG	TTCTACACTT	AAAAAAAAAAC
76401	CCTACCCGGG	CGTGG'TGGCG	CACGCCTTTA	ATCCCAGCAC	T'TGGGAGGCA
76451	GAGGCAGGCA	GATT'TCTGAG	T'TCGAGGCCA	GTCTGGGCTA	CAGAGT'GAGT
76501	TCCAGGACAG	CCAGGGCTAC	ACAGGGAAAC	CCTGTCTTGA	AAAACCAACC
76551	AACCAACCAA	CCAACAAACC	AACCCAAACC	CTGAAGATGG	ATATCTA'TTG
76601	CTCTATTTT	TATTT'TTAAA	GATTATACTG	ACATCGCTTT	CCCTTCCTTG
76651	CTTACATTCA	AATGCATGGG	T'TT'TTTTAA	TCAC'IAACTT	GTTACATACA
76701	TACATGTATA	TCTA'TACACA	CATACATGTA	TATCTAT'ACA	CACAAACACA
76751	CACATATACA	CACACATATG	T'AATATTTCT	AAAGACATAA	ATACAACCTT
76801	CTTAGTCTGC	ACAGTGCAAA	TTGTACATGT	GGT'TTCAGGG	CTGACCA'ITT
76851	GGTATTGGCT	AACCAATTGG	TGCGATCCTC	CCACGGGAAG	ACTATCCAGG
76901	TCTCAGCTTG	CTTGCCTGTG	TTCT'TCGTGG	AGGG'TCGAGG	CCTCCTGGGG
76951	GTGACCATCT	T'TTATGCTC	ATCACACCCT	TTCC'TTCCTC	CCTGTTGCCA
77001	CCTTTTCTAA	AAATTTTACC	CACACAATAC	ATGTAGTTTG	T'TTTCATCAG
77051	TGGTCGAGTA	TGGAAAGCTG	TACTGAAAAG	CAGTCTCCTT	GGCTCTCCCC
77101	CTGTCTGTCT	GTC'TGTCCTG	ACTTTT'GTTT	TATGAT'TTCT	GAGGCACTCT
77151	CATGTAGCCC	AAGCTGGCTT	TGATCTTCCT	GCATCACCAG	GGCTGGCCTT
77201	GAACCTTTCC	TTCCAT'TTCC	TTCATGTTTC	CTATACAAGC	CTGGTCTAAC
77251	TTAGGCCTAC	ACCTCTTGAA	GCTTCATCCT	AT'TGCTCCTG	GGCTGGAGTG
77301	TAAACGGTAT	GCAGACAGTG	CCCGTAGTGT	TGTAGCCCAA	CTCTACTTTT
77351	TCATAGTCGA	TGCTGAATAA	ATGACTGTGT	GAAGACTTAT	TCTTTCCAAA
77401	GATAGTTCCCT	GTTTTGAGGT	CACGTATATTA	T'TTATCAATA	CCAGTTT'TAG
77451	AAGCTGCAGT	TGCAAATAAA	TAATGTATTTC	ACGTGAGCTT	CTGT'GTTGTT
77501	TTCTGTGTAA	CGAGTTAAAG	AATGCATTTA	ATGGTACCTC	AAGCTGGAAG
77551	TAGAAAAGAT	GGATTAGAAA	TGTCCCGCTC	AT'TGCTTTT	ATGCTT'TTAA
77601	AA'TT'TTTTA	T'TTATTTTA	T'TT'TTTTAA	CTTTGGT'TTG	GTTTTCT'TTT
77651	GCTGTCGTGA	GCC'TGGGTCT	CAGCAGAGGT	TAGTGT'CAGC	TGGGCTGCCT
77701	GGGCTGTGAA	CTGCAGATGC	CACGTAGCTT	GAGCTCTGGG	ATTGGTTCAC
77751	TGAGGTTCCCT	CACCGTGCCT	CATGTGAGGT	CCAGGAATGT	ATAGGTTTGC
77801	GGTCTGATAT	ATTTT'GATGG	T'TGCCAGATA	AAATCGATGT	CTGGCACTTT
77851	T'TTCTAGGAA	AAACACATTT	AGACG'TTTC	AAGCTGATTT	GTAGGACTTC
77901	ATGTCATTAG	AACTTTGTGG	CAGAACTTTT	TCTCAAGTGG	CTGAAAACAT
77951	AAAGGAAC'T	CAGTCTCGAG	GGCTGTTCCC	AGCATGTCC'T	GGGAGTGCCA
78001	AAGCCGAGAG	GCGGACAACG	GCCTGGATTG	T'TTAGACGGC	C'TTCTTCAA
78051	AAATAACTGA	GTATCTGGAC	TTCTTCCAAT	AAGGAAAATA	ACAGCTTTAG
78101	CTACTGACAC	CAGATTAGTC	CCACAACCTTA	GGAAAAACGG	GGTACCTTTT
78151	CCTCAAGTTT	CTAATAACAT	TTCTTAGTCT	GGC'TGAGAGG	GAGGACTCAG
78201	GTTAGTCTTG	AAGGTCTGAT	TGCTGTT'TGC	TGTTCTAT'TC	TGTTTT'TTGT
78251	TGTTGT'TGTT	TTGTTT'TGTT	T'TTTTTC'AAG	AAGAGCCGGG	TTGGGAGAAA
78301	CAGACTGTTG	TTGAAAGTTA	GCCTCCCAGT	TCAGGCGAGC	AAATCACAGT
78351	CTTTTCTTTC	ATTTATGTCC	TAAGTATCTT	GGATGCGAGT	T'AAGACGCTA
78401	TTATAAAGGA	ATGAAACAGA	GAGAGAGGTA	GAGAGAGAGA	GAGACAGACA
78451	GACAGACAGA	CAGACAGACA	GACAGAGACA	GACAGAGGGA	ACCTGGTGAT
78501	ACACGCATTA	CTTTTCTT'T	AAACTCCCTG	GCTTCTCTCT	AAGGCCAGCG
78551	GGTGGATAGC	AAGTCTTTAC	TTGTTGGCAG	TACACTGAAG	CCTCTTGGAA
78601	CAAAATGACT	ATTGAAAACA	AAAAAGCAGC	TTCGTGAGAT	ACACTTCAGC
78651	TAGGGAGCCC	AGGAGTAAAT	ATTTTAGATT	TGGAAGAACT	T'TAAAAAAA
78701	AAAAAAGCT	ACAGATCTTC	TGAAAGACTT	GCCATTTAAT	TAGTAGGTTA

78751	ATGAGGCC'TT	AGGACCGAAA	ACTTGGTCTG	GT'TAAAGCAC	CCACAAAAAC
78801	TCAAGTAGAA	CCTGGAAGCA	ATTTCGACCTT	GATTTACAAA	CAT'GGTGAGG
78851	ACTAGGGCCA	GCTTTGGCTA	TTTCGAGGAA	CTGGATAGGG	AGAGGGATCA
78901	ATCAGGGAGA	AAGCTGTGTG	TGTGTGTGTG	TGTGTGAGAG	AGAGAGAGAG
78951	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGATCT
79001	CCTCTCCGGT	CTCCATTCTT	TCTGCGGGGA	GGAGGGGGGG	CTACGCTGTC
79051	TGGGGCTCGC	CCTGGCTGAG	CAGAGGGAAG	GGCTGAGGTG	CCACCGGCTG
79101	ACGGCTGACG	CAGAAGACGT	TCTTTTTCTG	CAGCCATCTG	GGAGTGGCAG
79151	CTCCTCC'GG	CGTCCAGGCG	CCCTGCGGGT	CTCAGGGGGT	GGGGT'GGGGT
79201	CCTTATGTCA	GGCCACAGCT	ACAGAGGAGA	TGTCACCAAA	TGCGCATTTG
79251	CGCTGAGCGC	ACGGCGCCGC	TTTCCTCTAC	AGTGAATGGG	TTAACACCT'T
79301	CTTCTACACC	CACCCCTCTG	CCCCCACCCT	TTACCTCCTA	CAAACAGAGT
79351	TGGGAACCT'G	GCTGCCACTG	TCTGCAAACA	AAGCACCTCT	CTTGT'TT'G
79401	TTAATCCAAA	GTAAATATAA	TCTTCTATTA	GCTAGTTTCT	CAGTTAT'TCT
79451	GACAGCAACC	TACTCGGGGT	TAAAAAAAT	ATCTAGCTAG	TTCAGCAAGT
79501	CACTATGACG	GAGGGACGGG	ACTGCCTACC	TCCTTCCCCA	CTCCATCCCC
79551	TAGGACCTCT	TATCTATTTG	TAAAAAACTA	TTTCAGAATG	TTCTAATGTC
79601	ATAGAAGCAT	CTAATTTTAA	TCACTT'TTTA	AAAAGCACAC	ACAAGCAGTA
79651	TCATGCGTAC	ATACATTCT'G	CTCTT'TAATT	TGCTTCTCAG	GT'TT'GCTGTT
79701	TGGGGTCT'GG	ATAGCTTTTC	ATGTCTTTAC	TCAGATCCCC	GCTCTTTACA
79751	TAT'TCCAGCC	CATGAACACA	CTTGTGACA	GGCTTGGTCC	CCATCAGTGG
79801	ACGGTTAGGT	TGTCTCTGCC	CTCACAAACA	ACAGTGTAT'T	AAAGCCTCTG
79851	GGCTTATGAA	TGTTCTGTGT	GT'TTATGGGC	ACAAACACAC	GGAGTAAATC
79901	CCTGCCCCCTG	GAAC'TTTTTT	GGTGACGGGG	TACTCACATG	GGACATGTTA
79951	GAAGT'TTTTC	AAAGGCGGGT	AGTCTTAGCA	ATATTTTACA	CATAAAT'AAG
80001	TTATTA'TCTT	TCACATCTCC	AGCCTTTACC	AGGCT'TTCT'T	GAAAACAGT'T
80051	AAT'ATTTAAA	TGACACATTT	GTTACCGAGA	GCAAATCAGC	TTGTG'TTAAG
80101	TT'GCTAATTA	AGTGTCTTTA	AAGTTAAAT'T	TCAAGTCCCC	AACAGAGGTC
80151	TCTGGAGTGT	GCAATTCTCT	GCCAGGGCCT	TTAGAAACTA	GCAAGAAGCC
80201	AGCCGTGACA	AACTCATCCC	AGTCTCCAGG	GACATCAACG	GCTGTGGCAT
80251	GTGGCTCTGG	AAAAC'TAGCT	GCTTTGAGAA	ACTCTAGGGT	GGGAT'TGGGA
80301	AGGGGT'TT'GT	TTCATGTGTA	AGAGTGT'TGT	CACCAATTAA	TTCAC'TTCAG
80351	AAACACTGAC	TAAACACAAC	CATAGCAAAA	GTTTCTCCTC	CCCCTGCTTT
80401	TCTTTGTACC	AGCCTCCCCG	CACCAGATGG	GAGCCCGGTT	CTAGGAACCA
80451	CAAAATTAAT	TTCC'TGCCAC	TGAAGGTGA	TCCAGCAAGG	GGATTAGCTT
80501	TGCTTGAGGG	TGGCTATACA	CTATATCTAG	ATCTTGCCCC	CAAAGGGATA
80551	TTTGGCTTGC	TTGTGAGT'TT	AGTGGCTCAA	AGCGTTCCAC	CTGCACCAAA
80601	CGGTCCATTT	AGCTCCTCAC	TTGAGT'TTTC	TAGGTAGAAA	CATPACAGAT
80651	GAAACCAGGT	TCCAATGGAT	GAGTCAAGTT	TTAGAACTTG	GGATTCAAGC
80701	TGCTAT'TAAA	TTGCATTATC	GGCAATCCTA	GTAGCACTGC	CCCCTCCCCC
80751	ATAGCCTTTT	AGATTATAGT	CAACCTTGAG	GGTGGGGGTT	GGTAGAGTG
80801	TTGACAGTTG	TCATAATTCC	TCAAATAACC	ACTTGACTGA	AAAAAATGGC
80851	TATTTTAAAA	GCAAAC'TCCC	TCACTCTCAA	AAC'TCAAAGA	CAGTCACATT
80901	GGGATGGGGG	GGGGGGTGT'C	TGGGTGGCAT	CCAAGAGGAA	AACAAAGAAA
80951	AACAAACAGC	AAAAC'TCAAA	CCAAACCAGT	TAAAACAAAA	AGAAACTTCC
81001	CATTCTAGGT'	CCAAAATTGT	GCTTTCAGAT	AGAGGAGACA	AATCAACAGG
81051	GCTGAGGAAC	CTGCTAATAA	AAGCCTCTGA	TTTCAAACCA	GTGTCCAGTA
81101	ATACAGGAGG	GGCACAT'TGG	AAGAGTGAGG	GAGGCGAAAT	GATGTCCCTGA
81151	AATAGAATGG	TCC'TCTCAAC	GCTCAGGAAG	CACCTGGGGA	CTTACTTGCT
81201	TAGAAATTCA	GACAGAAATT	GTTTCTGCAA	TTAGTGGGAA	ATGAGGCTTC
81251	TAAGCGCCAA	CGCCTTTAAT	ATTTTTCATGC	CTTTATCTGC	CTTTTCCATC
81301	AACGTGAATT	ACAGTGACAA	TGCATTCAAG	TTAATAATAC	CAAATGTAAC
81351	TTGGGT'TGCA	AGGGTGGGGC	AGATGATGTC	AAGCTAGGAA	GGACACTTAG
81401	ACTGGACACT	TGGCTTTAAC	TCCGAATCTC	CCTTTCC'TGC	TTTGCCCAGA
81451	GCCTGCACAC	CCAGCCTGCG	GGGCTTTTCA	TTTTACAGCT	CCTTTCAAGA
81501	TTCTGT'TTAA	AAGTCGAAAA	TGAAACAAAA	GATGTTTAA	TTGTTCAAC
81551	GTCTACCACC	TCTTTTAAAT	TTT'TTCTTTT	T'TCTTTCTTA	ACATCCATAA
81601	AGACTT'TAGT	CCAGGGGTTC	TCACCC'TTCC	TAATGCTGAG	ACCCTTTAAT
81651	ACAGTTCCCTC	ATATTGTGGT	GACTCCCCCC	CAACCATAAA	ATTATTTTGT
81701	TTGCTACT'TT	ATAGCTGCAA	TTT'TGCTACT	GTTATGAATC	ACAAATATAAA
81751	TAAC'TGGTAT	GCAGGATATG	TGGTATGGGA	CCCTATGAAA	GGGTCACTTT
81801	CGTCCCACCC	CGCAAGGGGT	CACCACCACA	GGTTGAGAAA	CAGCTGCTTT

81851	AGAAGCTATT	CTTTTCCAAA	GTCTTTTACT	AGCAACTGAC	CAGGGTTCTT
81901	TTTTTCTTTT	TCTTTTCTCT	TTTTTTTACTT	ATTCACCTTTA	CTCCCACTTA
81951	CTGCCCCCCT	TCTTGTCCACC	CCCTCCCACA	ATCCTTTCCC	CTTCTCCTCT
82001	GAGTGAGTGG	GGACACCCCC	GTGTCCCCCA	CCCCCTATG	ACAAGGGTTC
82051	TTACTAGGAT	TTTTTCCTCTC	CCTAAGAAGT	GTTCCAACTC	GTGTTTTCTT
82101	AGATACATCG	TTTTTCCTTTG	GCACTCTATC	ATGAAGGCAG	TTGGTTTGCT
82151	TGAGAACTCT	GTTGTTCACG	CACTTTAGAA	TGTGAATCCA	CAGTCACTGG
82201	CTTGCTAGAA	AAAGATGTCA	TGAATCAGTT	TTGAGCACTA	GAACGCTGGT
82251	AGTTAAGGGG	AGGGCTTGAA	CTTGCATACC	ATTGATCTTT	GCGTTTTAAA
82301	TAAGAGTTAA	AAAAAAAAAA	AAGTCCTGTG	GTATATGTAAG	CGGTCCTTGA
82351	GGCAGGTTTG	ACTACATTTT	CTTCAAAATGT	CAAATTGAAT	AATCCAGTCA
82401	GAAGCACGGG	GTCCCAAGTC	TTGTCCAGCAG	TTCTGAAAGT	TAAGATTTAT
82451	TGCGACTTCT	TTCATTTGCC	GGGCTTTTAT	ACTTTTGAAA	AATATGTGAC
82501	GGTATTTACCC	TTGGATTTAC	TGGGGTTCTT	AAGGCTTTGT	CAAAAATGAA
82551	ACAAGTCTTC	TCTGTGGTAG	GAATCGCCCC	TAAGCACGGT	GGTGAAGGGA
82601	AACCTTGCCCT	TGAGAATCTC	ACTCTTAAAA	ACAAACTACG	CTCAGCCCTT
82651	TCTTTTTCGCC	AGTAGTCATT	TATTTTACCG	ATTTCTGAGCC	AATGGTCAAC
82701	TTCGGGGATA	CTTCACATAG	TTCAACAAAC	TGTATGAGCT	GCTTTTCAAA
82751	ACACGGCTTG	CATTTCCTGC	CCCTCATCCC	GTTTAGAAAC	CTGATGGAGT
82801	GTTTCTGAAG	ACACGTCCCT	AAAACTTGAG	AGGGAAGCTC	GATTCCTTCC
82851	ACCATTCTTT	GTGGTCCAGA	GGCCAGCTCT	GAAGTGGGCT	CCTTACCGAC
82901	GACTCCCAATG	CACCTTGAAA	GGCAGGAGCT	GAGCGAGGCT	CACGTTTCCCT
82951	GCCTGTCCGC	GCCTCTCCGC	TGGGAATGTT	TTTCTGCCAA	CTGAAAGTAG
83001	AGCTTGATCC	TCCTCCTCTT	CTCCTAGATT	AAGCCTGCTT	TCACTCCCTT
83051	GAAATTAGTT	TGCTTCCTGA	CCAGAAATGC	CTAAAAGAAA	GAAAGAGAGA
83101	GAGGCAGAGA	GACAGACAGA	GACAGAGACA	GACAGAGACA	GAGACAGAGA
83151	GAGACAGAGG	AGAGAGAGAG	GCAGAGAGAC	AGAGACAGAG	AGAAGAGAGA
83201	GACAGAGACA	GAGGAGGGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
83251	AGAGAGAGAG	AGAGAGAGAG	AGAAACCAAA	GCTCCCAAAC	CAAACCAAAC
83301	CACAGCCTCT	AGTCTTTCTT	TCTGCTATTT	GGACTTAATC	AAATAGCATC
83351	TACTTTCTCC	TTGCTTTTCC	TCTCCCCCA	CACCCCTTCT	TCCCCCTACC
83401	CACCCCCCTT	CTTCCTTTTC	CTCCTATCCG	GTAACCTATT	TCTTGAGCTC
83451	TGGGGTTTTC	TCTGTAAGAG	GGTATATGTA	AGCATGCATG	CATGCAGGGG
83501	CCAGCAAGTC	AACCACTGGT	CACGTGCTCT	CAGGTACTGT	CCCTTGGTAT
83551	TTGAGACAGG	TTACCTCTAG	GGTCAGGGGC	TCTCTGATTT	GCCAGGCTGG
83601	CTGGTCAGTG	AACCCAAGGA	TTGAATCCTT	ATGCGTGGCT	TTCCCTTGCA
83651	TTCCGGGGGG	GGGGGGGGCA	TTGATTGAGA	GCTCAGGGCC	TCATGACTGC
83701	ACGGCAAGTA	CTTTACCCAC	TGAGCTGGAT	CCCCAGACCT	GGTGTGCACG
83751	TCCTTTTTC	AATAGTTATC	TTTGTTTTCA	TTTATTTAT	TATTTATGTA
83801	TGTATGTATG	TATGTATGTA	TGTATGTATG	TATGTATGTA	TGTGTGTACA
83851	GCGGTAGCAT	CCAGAAGACA	TCAGATCCCC	TAGAGGTGGC	TGTGAGCTCC
83901	TGACCTGGGA	ATCCAACCTG	GGTTGATTC	GGCACAGCAG	CAAATGTTCC
83951	CTTCTTTGTT	GTTGTTGGTT	GTTTTGTTTT	GTTTTGTTTT	TAGAGACAGG
84001	GTTCTCTGTA	TAATCCTCCT	GGCTGCCTAG	AACTCGCTGT	ATAGGCCAGG
84051	CTGACCTGGG	ACTCGGCGAT	CTGCCCTCCT	CTGTGTCTCTG	AGTGCTGGCA
84101	TGGAAGGCTT	TTGCCACCAC	ACCCACAGCA	GATGCTTTTA	ACCATCACGC
84151	CTTTTCTCTA	TCCCCCGGTC	TAGTTTGTGTG	GTCTTTTCTC	TGCGGTTATA
84201	AGTCTTTGCA	GTCTTCAGGG	TTACACAACC	AGACAAGCCT	TTTTCCATTT
84251	TCTTTCTCTT	GTGTGTGTGT	GTTTGTGTTT	GTGTGTATGT	TTGTGTGTAT
84301	GTATGTATTT	GTGTGTCTTT	ATGTGTGTAT	GTATATGTGT	GTGTTATGT
84351	GTGTGTATAT	TTGTGTGTTT	GTGTGTATGT	ATGTGTATAT	GTGTGTGTAT
84401	GTTTGTGTGC	TTGTGTGTGT	GTTTAGTGTG	TGTGTGTGTG	TGTGTGTGTG
84451	TGTGTGTGTG	TGTGTGTGTA	GAAGCATGGT	TCTTTTACCA	CTACCGTCCA
84501	GCAGCAGGGA	ACACAGCACT	CCCAGGGATT	TTCCTGGGTT	TGTTCCCTCAC
84551	CCACCCACGC	TCACCCCTGC	CGTACTCCTC	ACGATTCAGT	ACTTCTCAAA
84601	CCCAGCACAA	AATCCCACTT	ACACAGTTGT	CCAGGAAAAT	CCATAGGAAG
84651	GGGCTTGGGA	CAAATGATAA	GCATATTTGG	ATTTATTTAT	GCCGTATTTG
84701	AGGCTGTTTC	TTCAAAATAA	ACTTTTATGT	GAATGGGTTT	TTGTCTGTGC
84751	ACCACATCTG	TGCCTTGTAT	CTGGTGCCTG	TGGAAGCCAG	AATAGAAGAC
84801	TGGATCCCCT	TGCTATGTGG	ATGCTGGGAG	TTGAACCCAG	GTCATCTGGA
84851	ATAGCAGCCA	GTGTGCTTTT	AACCACTGAG	CCATCTCTCC	AACCTGACTT
84901	TCTTCTTTT	TTTTTTT	TTTTTTTTTT	TGGTCAGGAG	TGTGGGGAAC



84951	TCGTCCATATC	TGCCGACTTT	TATGGCAAGT	ACTTTCCTAT	ACTATTGCAT
85001	CCAGTCCTTA	CAACATCAT	TCTGGCACAT	CATTACACTG	TGACCACTTT
85051	GAAGATAAAG	AAACTCGGGG	CCCAAGGGAA	GGTGAAGTAG	AAAGGCATCG
85101	AAAGGCCTCT	CCTCACGTGT	TCAGGGCTGG	GATTTGGAAC	CAGGCCTTCT
85151	GATTTTAATA	TCAGGTTTAA	TCTATACTCT	CAAGCAAGGT	CGTGCAGCCA
85201	GAGCAACTGA	CTAGAAGGT	CCACAGAGAA	GGCTATCAGA	GGACATTGAC
85251	CCACATGTGC	ATCACGTGATC	TGACTCGTTC	CAAGCAACCG	TAGGCCTCGT
85301	AGGCCTCTCT	GCTGTGCCCT	GTATCACTAT	TTTATGACCC	TTTTCTGGAG
85351	AGGGTCAACA	AGCGTCTCTT	CAATAGCGAG	AGGACATCAA	TAAAGACCAA
85401	AGTGGCTCTA	CCCACCGGTG	AGCCGGTGGG	TTTCATGAGG	TTTGCTTCCA
85451	GCGGCCTAAG	GTGAGCCCGT	GGTTGACCGT	TCCCTGCAGG	GGCACAGGCA
85501	GCTTACAGGA	GGCAGCATCA	CTAAAGAGAA	AGCTCTCGGT	TGCTCTCACA
85551	ACCACTGGCT	ATAAACCCCTC	AGGGAGGATC	CTACTCCTCC	CCACGGCATG
85601	AGAGAAAGTT	AATGGGCTCA	GTCTTGCCCT	GGTCTCCTGT	TAGGAATTAG
85651	AGCTGCTGAG	AGTTCAAGAG	GCTTAACGTCT	ATGTCGATCT	TGAGAGTTGG
85701	TGTTTCTCAA	AAAAACCCAC	CCACTACAAA	TTATATTTT	TTCTTGCTTA
85751	TGTGGACTAG	AGACATTATT	TTAGATAAAC	TATAGATGTA	TTATTTAAAA
85801	AAAAACTTTA	AATAGTTTACA	AATCTCCCAG	GAAAGTATAA	AAAGATATGA
85851	CAGAGAGGGC	CTGGCCTGTG	TTCCCGTTGG	CAAGTTCAC	CA'TGGCCACA
85901	CAAGGGCACA	GAACCTTGAC	ACTGGTCTAA	AACTGTGT	AAGGTTCTGC
85951	GACACCATGA	CCCAGAAGGC	TTCGACAGAA	GGATTATTGT	GAATCGGAGG
86001	CCTGTCTGGT	CTACATAGTA	AGTTTCAGGC	CAGCCTGGGC	TATGTAGTAA
86051	GACTCTGTCA	AAGAAATGAA	ATGAAAATTA	AACAAACAAA	CAAAAAAACC
86101	CAACACATCT	AAAATTTGCA	TATCGTGCTA	TGTATCTTT	GTCCTCTAGA
86151	TCTTCTTCC	TTCTTCTCTC	CCTTCTCTCC	TCCCTCCCTC	CCTCCCTCCT
86201	TCCTTCCCCC	CCTACTCCTC	TCTCTAGACA	GGTTTCTCTG	TTATAGTCCT
86251	GGCTGTCTTG	GAAACCACTC	TGTAGACCAG	GCTAGTCTGG	ATCCACCTCC
86301	CTCTTCTTCC	CAAGTGCTGG	AATTAAAGGC	GTGGCTAGAT	TGTATTTTCT
86351	GAGAATTCAT	TGCTCTTAGC	TGTGCTCAT	TCTCTTGGCA	TTTTTTTTTA
86401	ATTGATTTGG	GAGACTTTAT	ATATTCAGCA	TAATAACGCT	TTTATGGGTT
86451	AGTAGAAGTT	GCACTTGCTG	GCCTTGCCCG	TTTTTCAGCAC	TGTGCCCTTA
86501	AACCTGACCC	AACCACTGTC	ATGCTTTTTA	AAAAAAAAAA	AAATTATTAG
86551	ATATTTTCTT	AATTTACACT	GTCTTCATGC	TTTACAGTGG	TGGCTTCCAT
86601	GTCAATTCCC	ACTCGGGCCT	GATTTAGCGA	TATCATTTTT	TCCTTACCCT
86651	GAGGTCCCTAC	AATCATTCTG	TGAATATGTA	GAATATGGAT	TTCTTTTCT
86701	CTTCTTTTCC	AGATGGAGAA	GGCCTGACC	TAGTATGATT	CACTGAACAG
86751	CCGTGTGTTT	TCCCTGCTGG	CTTTTTCAC	GGGCATGTGT	TTGTCTATGCC
86801	CTTGACGGTG	CCCTGTGCTG	GGTTAGCCAA	TGCCATGGCT	TTAGGATAAG
86851	CCTTTTGGTC	TAGTGTGGCC	AGGTGCCTTT	CTGTTATCTT	AGTGATTTCT
86901	GGTTCTTGAT	TC'TT'TAGTAT	GAACGTAAGA	ACTAACTTGC	CAGATACCAC
86951	AGGGGAAACT	GTAGATGTTA	ACTGTAGTTT	CAATGCGGTT	GTATTTACTG
87001	GAAAGTATTG	CCCATGTTGT	GTCTGTGCAT	TTACCTCTCT	GTGTTGTGGG
87051	TCGATCTAAC	TTGACTCCAT	CTCAGTCACC	CTTTGTTATG	CCTGTCTGCG
87101	AATCCCCAC	AGTTTTACTG	CTATTATTAA	TGGACACTTT	TTAAAAAGTTA
87151	TGCCCTTAGT	TATCTGTATG	TACATGATAA	TACATAATAA	TGTCACGTGT
87201	AATTTGGCGA	TATTAATTTT	TATCTAGGTA	CC'TTGCTGAA	CTCTTAAATG
87251	GTTCTAAGAG	TTCACACGAG	GAGTCTGGAT	TTAAAGAAAC	ACGATGAACA
87301	GTTTTATTGT	AAGTTCCCCG	CAAACTTTTG	AATCTGAGCT	TCCATTTACT
87351	GTTTTGTATA	TATGCAGGGT	TAAAAAAAT	AAACATGGAT	ACCCATTCTT
87401	GGTACATTAT	AAAGTATCTT	TATTCATTAA	CTTTT'TTCC	CCCTTCCCTT
87451	CTCCCTTTTG	CTCTGGCCCC	ACTCGCTCTG	GGCCCCCGCA	TTAACTTTAT
87501	TATTATTATT	ATTAT'TATTA	TTACTAACTC	TCATTCCTTC	TTCTATTAAAT
87551	TGTCATGGAA	AATTTAAAAG	TTGACAACGA	AAATTTTAAA	TATGTAAATAA
87601	AAATTTAAAT	CTTTGAAAAA	TTAGGAACCT	CACATTGCTG	ATGACCTAAT
87651	TAGCATGTGG	CTTTC'TAGTC	ACGTGAGTGT	GTGACTGTGG	ACTGAGACAC
87701	AGGACAACCT	ATAAATCTAG	GGATACAATA	AGAAAGAATA	ATAAGGGGGC
87751	TGGAGAGATG	GCTCAGCGGT	TAAGAGCACT	GACTGCTCTG	CTCTTCCGAA
87801	GATCCTGAGT	TCAAAATCCCA	GCAACCACAT	GGTGGCTCAC	AACCATCTGT
87851	AATGAGATCT	GGCGCCCTCC	TCTGGTGTGT	CTGAAGACAG	CTACAGTGTA
87901	CTTACATGTA	ATAAATAAAT	AAATTATAAA	AAAATCTTTA	AAAAAAAAGA
87951	AAGAATGATA	AGAATAC'TGC	TAGCACATCT	ATGCATGTGT	GTGTGTGCAT
88001	GCGC'TTGCAC	ACACACACCA	TTTGT'TAATA	TGTAAATCA	TGTGAGATA'



88051	ATGTTATTGA	CATGAAGAAA	ACATGAAAAA	GAAAAATCAA	ATTTGGGAAG
88101	TTACTCTATA	TTTTGAGTAA	CTATGGGCGC	TTCTGATTTGT	CTACTGGTCA
88151	TGCCCCATGAA	TCTATTCCCTA	ACTAGAGTCT	CAGGATAGAT	GATAGGCCTG
88201	TAAGAGATCG	TGGAGGGGATT	ATTTTCAGGA	ATGGACATCT	CTGATAGATG
88251	CTCAGTTCCC	AGGACAGCGT	AGGCCCCCAC	CAGATCTTTA	ATCTGGAAAC
88301	TAGGAACAGG	CTTCCCTAAC	AAGGTGTGAG	CAGCGGTGAC	AGTGAGGAGA
88351	GGAGCCCATG	AAATCTGGAG	GCCCATACTA	CTCATAGCCA	GGGTGTCAGC
88401	CAGTCCCTCT	ATTGAAACAG	GAAACGTCTA	ACACTAGCTC	CTCCTGAAGG
88451	GAGTCTCTCA	AGGGCCTGGC	TGGTCGCATT	GGAGGGGCTT	GTGTTTCCAC
88501	GGGTGTTCAA	ACTTCGTTGG	AGTGAGGTCC	AGGATGTGGT	CTGAACCAAG
88551	AGGCTCTCGC	CAGGCTCTTT	GGTTCTCCAC	CACTGAATCT	ACTTGGTCTGA
88601	AGACCCGAGT	CATAGCTCTT	CTCCCAAGCT	ATGCAAAATA	ACAGTGTGTC
88651	CTATTTTATG	GACGTCTATG	CTAACAAAAA	TAGCTCGAAA	CCCAGACATT
88701	TGAATGTCAG	CAGACTTCAG	CTTTAAGACG	CTATCCTGTG	GCAGCCATGC
88751	CGGGCGATGC	TGACATTTTC	TCGGGGGTCG	TTGTTTGATC	TCCAGCATA
88801	CTCAGTCTTG	TCGTTTCTGT	TTCCATTTAG	GAAAACCAAG	GCTCGGAAAT
88851	CTTAGGTGAC	CCGCCCCAAG	TCAGCCTTTC	ACAAGCAGAG	CCCAGGGTGC
88901	TCTGTGAGTC	ACCAGCCGGA	CATCACAGCT	CTCGATTTTC	AACATATTTTC
88951	CTTCCCACCT	CGCCACATTC	CATCTTTGACA	CTGGTAACGG	GATGTTGTTA
89001	TTACATGGGA	CTCGGTCCAG	TTTCCTGAAA	GGAAATTTAGT	TGCTACATTA
89051	GATTCGAGTT	ACATAATCAG	GAAATCACTT	ATCCTTCTTA	CGCTCTTATT
89101	TGCTTTATTA	AAAAAGCCAT	TGGAGGGGCT	GGAAAGACGG	TTCGCGACTC
89151	AAGAGCACTG	GCTGCTCTTC	CAGAGGACCA	GGCTTAATTC	CCAACGCTCA
89201	CATGACAGCC	CACACCTGTC	TGTAAAATCCA	GTTCCAGGGG	ATCTGACACC
89251	CTCACATAGA	CATACACCTT	CACGTAGGCA	AAACACCAGT	GCACATAAAG
89301	TAAAAAACAG	TTATATATAT	ATATATTTTT	TTTTTTTTTT	AAAAAAGAAA
89351	CCCATTGTGA	AAGAAAGAGA	AAGTGGAAAG	GAAAGAAGAA	GGAAAAAGAA
89401	AGAAGAGTAG	GAGAAGAAAG	AGAGGAGGCA	TCAAAATTTCT	GTTCATTAAG
89451	CTCATTTTCAT	TGCGTTCTTT	TTTACAGAGA	GACTCAAGAC	ATTTTGTCCA
89501	ACATAGCATC	ATCTGTGGCA	ATTGCTTGGC	AATTTAAAGG	GCTCCCAGGA
89551	ACTGCATGGA	ACAGTCTTAG	GACATGCAAT	CAAACCCATC	AGACTCTGGG
89601	CAAGCTCCAC	CAGAAGAGAG	GCTGCCTGCC	CCTCGCCGAT	TGCTTTAACC
89651	CAAGTTAAAA	CCAAGCTTGG	GATCCCATGC	TTGCTGAGAT	GATTGACGGC
89701	TGTCATAGGA	GAAACTACAT	CTGGGAAATT	TCTCGCCAGG	ATCTACTGAT
89751	CTCACGTCTGA	TGGAATATGG	AGAACAAATG	TTGGTTTGGT	TTGCCAAGCA
89801	AAAGCACAGC	GAGCACCCAG	CATCCCTGTG	AATGTAACAC	ACATAGTTTC
89851	AGTTTGGCAT	CTCTCCGCTG	GAGTGTGGTA	CTGTTTCCCTG	ATGAGGTTCC
89901	GTTGGCTGCA	AAAGCTTCAG	TTACTTTGTG	GCATGGTGGA	AGAAGAATGC
89951	CTCACTGAAT	GCCTGCACCC	GGGCTTTGGT	CAAACAGCTC	AGGAAACCTT
90001	ACCTGTTTCAA	GGCTCAATTT	CCAAACACTT	CCTTTTCTTC	CTGTTCTTCT
90051	GAAGTGGAA	ATTCCTTAAAA	AAAAAAAAAA	AAAAAAAAACA	ACTAAAAITG
90101	GATTTTCGGTC	ACTGTTGTTC	CAGGACAGAT	GGGAATGTGA	TAATACTGTC
90151	CTTGCAATGGA	TAGGGTGTAG	GTATATATGA	AAGAAGGCAT	GCCTCTTTAA
90201	AAATTCAATA	TGCCAGTGAT	CTGCATTTTT	ATCCTCTAGA	ACAACAGCAA
90251	AAGGCGTTGT	CCAATCTAAT	ATTTATATGC	TGAAAGTTC	TCAAATGATC
90301	ACATATCAAA	ATTAGCTATA	GTGACTATAA	TAAAAGCAG	TCTCAGCTGG
90351	GTGTGCTGGC	ACGGGGCTGT	GATGCCAGTT	ACTTGGGAAG	CTGAGTCAGG
90401	AGTGTTACAA	GTTGGCAAGG	GTCACAAGGC	TTGCCCGGGC	TGCAGAGTGA
90451	GTTCAAATCC	AGGCTGGGCA	GCTTAGTGAG	ACCATGTCTC	AAAAATAAAA
90501	GTGTGAAAAG	GGCTGGGATG	GAGCCCTGTG	TTCTTACCTA	GCCCGTGTGA
90551	AATCCAAGGC	TCAAATCCGAG	ATAGGGAAGA	AAAAGATCAG	ACACATTTTTT
90601	AAAGTAATGA	CGGGTACAAA	GACAAAGGTG	CCTGCGTTCA	TCTGGGCCAA
90651	GGTGCAAGCT	GTTCCCTCAT	GTCTCCTTAC	TCACAGGACA	TTGCCCTTGC
90701	ACTCCTGGCC	CAAGATGGCT	CTTGATTTCT	ACATTGCTCC	CTTTCGCCGA
90751	GCTATGCTCA	AATGCCAAGC	AAAAGCAACT	TAAGGGAAGG	AGGGTTTGTCT
90801	TCATGGTTAG	AGAGAACAGT	CAGTGGAGTG	GGGTGGGAGT	GGAGGAATCA
90851	TGCAGCAGCT	TCAGTAGGAA	GCAGAGGGAG	CTGAACGCTG	GGTTTCCACT
90901	CATCTTCTCC	TCTTTGTCTA	GTCATGGGCC	ATAGTCCAGG	GOTTGATGGC
90951	ATCCACAATT	TGGGGGGTGG	GGTGGGTCTT	CCCCACTCAG	TTGAGCCTTT
91001	CTGGGAACAC	CTTCATAAAC	ACACCCACAG	GTGTTGATTC	TAAAACCTCGC
91051	CCAAATTAATG	GGTTTGATGA	ACATTGACCA	TTTTCCTATT	ATAACCTTTA
91101	AATGTTGCTC	ACATTGCTTT	GGCCAAAATG	GGATCGCCCA	AGCCCATCTG

91151	ACCGCAAGGG	AAGTTGGGAA	ATGTAGTCTT	TGTTCTGCAC	AGCCATGTTT
91201	GACCAACTAT	ACAATTAGGT	TTCTAGGGCT	GGAGAGATGG	CTCAGTTACC
91251	TGCCTTTGAG	CCAATGTGAA	GGTGCGAGTT	TGGATGCCCC	GTAAACATGC
91301	AAAAGTTGGT	TGTGACTGTA	TCCCCAGCAC	TATCAGGGAG	GAGACGGGGA
91351	GACCTCTGAA	GCTCCCTGGT	CAGCTAGCTG	AGCAGAAATT	GTCAGGTACA
91401	GGTTCAGTGA	AAGACCTGAT	CTAAATTTTA	AGGTAGAAAAG	CCATTTGTGGA
91451	AGGCACACAG	TGCTAACCCT	TGGCTTTCTA	TATGTGTGCA	CACATCCACA
91501	GGAACAAGTG	CATTCGCATAC	ATACTCGTGC	ACACACATAC	ACACACCTTT
91551	CAACTTTAAT	TCTAATAGAA	GGAGACTCCT	CTGTTGTTCAC	TTGGAGCCAC
91601	TTAGACATCT	GTGGCTTCTA	TTTATTTCCC	CACACTAGGA	GTTCAGGTACA
91651	AGTGAACCCA	TTTCATCAGTC	AAGAAAAAGA	GAGATCAAGT	TACTTGCTGA
91701	GGGAACACAG	CTAGTTCTTT	GTGAGCCTTT	GGGGTGTGCC	TTTACTTCTG
91751	TTCCCTTTGT	ATGTTGTGTG	TCTAGTTTCC	TGTGTGCTAG	CACTGGAATC
91801	GGGGTGGAGA	TACCTCTGCT	TTCTCGGGGT	TGCCACAGCA	GACTGGTACC
91851	TCATTTCCAC	ACACCACTTA	ACCAAGGTG	TCCAGGAAGG	TGTCCCATGA
91901	CTTGCCTTTA	GAGTTCAAAG	CAAGCACACG	TTTAATTTTG	TTCAAGGAAT
91951	TCTGTGACAC	TTATTGAGCA	ATGGGTAGTA	CATTTGAGTG	TTGCTTAATC
92001	AAAACCTGGGA	ACCAGGCCAA	TCGACATTCT	TAGGTTTGAT	TCAGATTAIA
92051	CCTGACTTGT	GGTTAGGTTA	GAAAACCCAT	CCCCCAGAC	TCTCCTTTCC
92101	TTCTTCTCCT	CTTCTTCTCT	TCTTATGTCT	TACCCCTCCT	TTTTTTTTTC
92151	TTGCTTTTTG	ATACAAAGTC	CGAGATATCT	CAGGGTGACC	TTGAAACAC
92201	CAAAATAGCCA	AACATGGCCT	GGATTCTGAT	CCCTTGTCTT	TCATCTCCCA
92251	AATATTGCTA	TTTCAGATGTG	TGCCACCTGC	CCTCAAAATC	TTTTTAAITTA
92301	AGAAGGAAA	TCTTCCAAGT	ACTTGGGAGC	TAGATGCAGG	ATAATCAAGA
92351	ACTCAGAGGG	CTATGTAGGG	ACTTTGAAGC	TAGCCTTGAC	AAAAGAAGAG
92401	AAGAAAACCT	TTATTCATTA	TTTCTATAAT	TTTTTTTCCAG	AGGCCAATGC
92451	TGACACAAAG	ACAATCTCTT	AAGGTGGCAG	ATTTTCTAGA	AAGAATTTTA
92501	TTTTAAGGAG	GAAAAGAAAA	AAAAACACCA	TTGAAAACAG	ATGTTGTCTT
92551	TCTACGTCAT	CTAACCCTG	GCATCTTCCA	TGGAGCAAAA	TTTGGCAGGA
92601	GGTTTTGGTT	CTGGGTTCCT	CAACCCCCAG	AGCACAATTT	CCAACAGATG
92651	CTATGCACTG	GAAACAAAAT	TTAAAACAGG	GAAACCTGGC	TTGTCAAAGT
92701	TCAAATCTGA	GGTTTTCCAA	GTTTGTGTTC	CAGATCCAGA	GGACATACCC
92751	AAAGAGGAAG	CCATTTGCTT	GATTACAGGC	CAGGGTCAGT	TGAGCCACTC
92801	ACCTTTGGGA	GCAAAAACCA	CAAGATGTC	AAAAATATTT	ATAACCAAG
92851	ATGCTAATTT	AATGCTGCAT	TAAAAAATAA	TGTTAAGAAT	AATTGTGATG
92901	AGCAAATGCC	ATATCTAAAT	TTTTATTTCT	AAATTTTTCA	AAAGTGTATA
92951	AAGTGAAATA	TGATCATATC	CCCTGCTACT	TTTTCCCTCA	ATTTCTCTCA
93001	ATCACCACAG	ACAGCCAGAA	CCCAATTTCA	TGTCTTTTPT	TTTTTTTCTT
93051	TTTTAAATAAC	CCACTTATTG	GAGGAGGGTC	TCGTGCCCCG	TGGTGTATTT
93101	AGACGCTGAC	TTCTGTCCCT	CGTGATCTGG	TTACATTCCG	GATGAGGGCA
93151	TTGTCATGAA	TATTGAAAAA	TCTGCTGTAT	CAACGTAGTG	TAAAGACTGT
93201	TCCCCAACTA	CCTCTGATTT	GTAAATAAAA	GGTTGAACAG	CCAATGACTG
93251	GCCAGAGGAG	ATTGAAAGGT	TGGACTTCCG	GTCCCAGCCA	GGGGTCTCAG
93301	AAAAGAGCCA	GGAGGAGCCC	CGAGGCAGGT	GAGGAGGTAC	AGGAGGCAGG
93351	TAGAAGAAGA	GGAAGAAGAA	GAAAGGAAGG	AGAAGGGGGA	AGGCAGGGGG
93401	AGGAGGGAGA	AGAAGAAGAA	AGTCAGCATG	AGGTGTGGTG	GAGGTGCAGT
93451	GACTAAGGGA	GTTCGACTTG	AGGACTCTCC	GAGGCAGAGC	CCTTTCCCTT
93501	GCTTATGCTG	GAAGTTTGGC	TGGCTTAATC	TTACTCACGT	CCTTGTGTTGG
93551	TGACTAAAGT	CACCCTGCGT	TCATGAGCTC	TGCTCATGTA	AAGACCAGAA
93601	GCTTGGCCCT	CACAGCATTC	CTCCCCTTCT	CTGGCTCTTA	CGTTCTTTCT
93651	GCTTATCTTC	CACAATGCTC	CCCGAGCCTT	CGGGATGGTG	GTGGTTGTGA
93701	TGGGTGTGCC	GAGAAAGACA	TCCCATTTAG	AACTGAGCAC	CCAGCCCTCT
93751	ATTACCGACA	CTTGGACCAG	CTATGCATTC	GCACACCAAC	TGATGCCCTAC
93801	TGCAAAATGA	AGCTTCTCCG	ACCACAGTTG	AGAACAGCTC	AGGTCTATGG
93851	GTAAAAGTGA	AATATTTAGG	AAGCAGTTTG	ACAACACGAC	CATAGCAAAC
93901	TAACAATAGC	AGGTCTGTGC	CCGTTTGAAA	TGCCAAGATT	TGAAATAAAG
93951	TAAGAGCCGT	TTGTTTTTGC	TTTGCTGCCG	TCTTTTGTGT	TGATGGAAAC
94001	ATTAATTTCT	CACGAGGCCC	CCAAGCTCCT	GGTCCCCAGA	TTTCACTTCT
94051	CTCAGCTGGA	TGGGTATATG	CAGTTACAGC	TGTGTGGATA	CATTCATTAC
94101	CTACATACAA	TTACAGCTGG	TTGGTGTGGG	GGCTTTATAC	TTATCCACCT
94151	CTTTGATAGA	GCCTTAATTT	TTCTCACTGA	CTTCAAAATA	AAGGAAGCTG
94201	TTTGGAGGAG	TGTATAGATA	GCACATAATT	TCCCATTTGCT	TCCGGCTTCA

94251	ACATGGCTCC	ACAATGGCGT	TCAAGACCC	CGTGGTGGG	ATGTAGCTCC
94301	CAGTTAGAAC	ACTTATCTAA	GCATGTGCAA	AGACCTGAGT	TTGATCATCT
94351	GCACCAGAAA	AGTCAAGTAG	AACAAAAAGC	AAATCTCCAG	AAAACATG
94401	GTTTATTCTA	GCTGATCTGT	GATTCATCCG	GGTTCGAATA	CCAGGGCTGC
94451	A'TCTTACTCT	CTGAGTACCC	CTGCTCTCTG	ATACCAGGGC	TGAGTCTTAC
94501	T'TTGCCTCTG	TCTCCCTTCC	ATTTTTGTGT	AACTTCCCAG	CCAGCTCCCT
94551	CTTCTACTTT	CCTGTCTTCT	GCTGAGTGT	TGAGACTTGC	TGAGTTTAA
94601	CAGGGGTGCT	CACAGGCTCC	TCCCCAGCAG	CCACAGAACT	AAAATGCCCA
94651	ACCTTCCCT	CTCCAGAGCA	ACCTGAACCT	GCAATTCAGG	GAGGGACAAA
94701	GCCTCGTGAG	TACTCCCCCA	CCACAACATT	TTGTTGTTTA	TAACATATCCA
94751	GACTGAGGAG	TTTGGTATCA	GCAGCAGGAT	GACACGAGGC	ATCCAGGTGG
94801	AACAGATTGG	TGATGTCCTA	TGGATGTCCA	TACCTGAGGT	GTGTGCTAGC
94851	TAACCTTATA	TCAACCTGAC	A'PAAGGGTAA	AGCCACGAGA	GAGGAAGGAG
94901	CCTCAGTTGA	GAAAATGCCT	CCATAAGATG	GGTTGTAGGC	GAT'TCTGTAA
94951	TAGAGCATTG	TAGCTGAACG	AAATAAATTA	TTTAAACTTA	TCCCTGTCTA
95001	GCTTACAAAT	GAATGAGACT	CAGACTGTGG	TTATTTTATT	TGGCTTTGAC
95051	CATTACTGGG	GAGTAACCCC	TAATCTACAA	TCTACTTTTC	TAACGTGTGT
95101	GCTGACTACC	TCCCCAGCAG	TGTACCCCAG	GTACTTGCTG	G'TTCTCCTGG
95151	CCCTGTGCTC	ATGGTCCATC	TCCACTCATG	GCAGCTCCCC	TCCCTCTCTT
95201	GCAATCCCTT	ACCAGGTAAC	TCCAAACCTT	GTCTACCTCT	AA'TCCCTCCA
95251	GTAATTGGCT	GTAGCTGTTT	T'TATTTAAAC	TGTCATTTTA	AA'TTAAGCAA
95301	CAAGATTTGT	ACAGCCACAT	TCTACTATTG	GATGGAACAA	AGGGCCCCCA
95351	ATGGAGGAGC	TAGAGAAAGC	ACCCAAGGAG	CTGAAGGGGT	CTGCAGCCCT
95401	ATAGGTGGAA	CAACAATATG	AACTCACCAG	TACCCCCAAA	GCTCGTGTCT
95451	C'TAGCTGCAA	ATGTAGCAGA	AGATGGCCTA	GTCAGCCATC	ATTGGGAAGA
95501	GAGGTCCCTT	GGT'TTTGCAA	ATTTTATATG	CCCCAGTACA	GGGGAACACC
95551	AGGGCCAAGA	AGCGGGAGTG	GGGAGGGTAT	AGGGGATTTT	TGGGATAGCA
95601	TTTGAAATGT	AAATGAAGAA	AAATCTAAT	AAAAAAATTT	AAATAAATAA
95651	ATAAATATTT	GTACAGCAAA	AGCCAGTGAA	AGTGAGAATT	CACCTCTAGG
95701	CAACTAGACC	TTCAGGTACA	GAACCTCAGAA	TTATAATACA	AAACAGCAGA
95751	CCAAACAAGC	CTCAAGAGAA	CGTTTTCTTG	ATTAGTGATT	GAGGAAGGAG
95801	AGCCCAGCTC	ATAGTGGGTA	GGGCAAACCC	TAGGCTGGTA	G'TPTTGGGTT
95851	CTATAAGAAA	GAATGCTGGG	CAAGCTAGTA	ACAACATCCC	TCCAT'GGCCT
95901	CTGTATTAGC	TCCTGCCTCC	AGGTTTCTGT	CCTTT'TTGAG	TTCCTGTCTC
95951	GACTTCCTCC	AT'TGCTGAAC	AGTGTGGTGG	TTTGAAAGAA	AATGGTCTCC
96001	TAGGCTCACA	GGAAGTGGCA	GTATTAGGAG	GTGTGGCCTT	TCTGGAGTAG
96051	GTTTGGCTTT	GTCGAAGGAA	GTGTATCATT	GTGGGTGGGT	TTTGAGGTCT
96101	CAGATACTCA	AGCCAGGCCA	GTGGCTAATA	GTCTCTTCTT	GATGCCTATG
96151	GATCAAGATG	TATAA'TTTC	TGTTGCCCCA	GCACCATGTC	TGCTTGCATC
96201	TGCCATGCTT	CCCAACATGA	CAACGGACTA	AACCTCTGAG	CTGTAAGCAA
96251	AGCACAATGA	AATGTTTTTC	TTTATAAGAG	TTTCTGTGGT	CGGGTGTCTC
96301	TTCATAGCAA	TACAAACCTT	AAGACTAACA	GTGATATGGA	AGTGTAAGCC
96351	AAATAAATCT	TTTTCTCCCC	CTACTTGCTT	TGATCATGGT	T'TTCTTAAC
96401	AGCAATAGCA	ACCCTAACTA	ACACAGGTTC	CATTTCTGAA	GGTCAAGGGA
96451	TAT'TCAACTG	TCAGCTCCAG	AGTT'TCTCAT	CACATTGTGA	AGCTGGCATT
96501	ATAGTCCCCA	TTTTTACAAAC	AACAAAACCTA	AGACTCAGGA	TGGATTAGTA
96551	ATTTCCCTTG	AGTGT'TTCTA	AGAAGAGTTT	CAAACCCAGG	TCTGACACCA
96601	CACAGTTCCT	CAC'TCCCCTC	CCCCTCCCCC	AT'TGTAACT	CACAAAGGAG
96651	GTAGTTTTTT	GATGAATCTC	TTCCCAGTTT	GGAGGTGAAC	GAGTCCCCCA
96701	GGGAGACAGG	CTTCAGGCCA	GTCTAAGCA	GATCTACAGT	GGATACAGCA
96751	GGGTCCCTGG	GTGAGGTAG	GGTGGGGTAG	GATTTCTTGG	CAGATCTTCT
96801	TACAAGTAAC	TTTAGAAATT	AAAAACCAAG	AAAATGTCAA	GATGTTATTT
96851	TTGCTTTGCA	GAGTGTGTTA	TTCCAGCATT	TTTTTTGTAC	AATCAAATAT
96901	ACAAACACAA	GCCACCTAAT	TGCTTATTAA	AAATATTTCC	TTGTAGAGGA
96951	ATTTTAATCC	AGCAACATGA	CTGCTCTGGC	AAGGGATCAC	ATCCAGAGAC
97001	CTTCTAGGTC	TTAGAACACA	CCTTTAATCA	CAAACAATAA	AGGCAAAGTT
97051	AGTTTGTGTA	AGAAAGCCAT	GATTGAGAGT	GACATCTAAC	TGAGGGTCAG
97101	ACAAATGTGAC	CCTCAGAGAA	AGAGT'TGACA	GAATGAGTCA	GAGATAGATA
97151	TGCCCAACTC	TCATGAGAAC	AGCACAAGAA	AGAGAGACTA	CTTAAGGCAT
97201	CACAGAGTGA	GTTTCACTTT	TGAAGGGAAG	GAGCCATCTT	TCCAGTAGAT
97251	CAATTTCAGTA	AGAAGCCGAG	AGAAGCCAGT	TTGGATCAGT	CAGCTTGGAG
97301	AGAAGTTTGA	GCCAGAAAAA	CTGAGCTGAA	TGAGCCAGCC	AGAGTTTACA

97351	AAGAGCAAGA	AATAGT'GAGT	T'AAATCAGCA	ATCT'CCGAAG	CTGAACATAT'
97401	C'TAGGCCTAG	ATTAGTATCC	CGAGCTTTTG	T'TCCCACCGG	AAAGAACATG
97451	CTCAGGACAA	CCGGAATC'TT	C'TCCGGCAAA	AGCTT'TATTG	TTTACT'TCTT
97501	CAGGGGCCAG	AGAGAGAATG	GCAAAACCCC	GTCCCTT'TTA	AGGAGAATTA
97551	TCCTCCGTCT	AGGACGTGTC	GCTCCCTGAT	TGGCTGCAGC	CCA'TTGGCCC
97601	AGTTGTCTTC	ACGGGGAAGG	CAGAGCACAT	GGAGTGGAGA	ACTACCCCCG
97651	CACATGCGCA	GATTAT'TTGT	T'TACTACT'PA	GAACACAGGA	TGTCAGCGCC
97701	ATCTTGTACC	AGCGAATGTG	AGGGCGGCTC	CCCACAGGTT	AGCAGATGGA
97751	GCCTTCAAGG	TCTCAGCTGG	CAGAAGATTA	GGTTGTATGG	AGGCTAGAAG
97801	C'TTCCAGGCC	TAGGGATAGT	TAGTACAGAG	AAGGAAAGGC	TCTGGGCTCA
97851	GCCCCAATTG	T'GTATT'CACA	CAGCT'TGTAT	ATTGCT'CTCA	TCTCACCACCT
97901	CCATCTGAGG	AAATAAAAGT	GATGTTTGCA	T'TTAGAGTCC	TAT'TTTATTA
97951	C'TGTGTGATT	GTTAACT'GCC	CAAAGAGTCC	TAATTTA'T'PA	TGATCCT'GTT
98001	ATGTACAATT	T'TACTTGT'TT	TG'TAGTACAC	CAAAGGCAGC	ATTGCTGAGT
98051	AAATACAGAA	GTAACACAT	CATAATGGTT	TATTCAA'TTT	T'TTCCAAAGA
98101	C'TTATACTAT	TTGTGTGTGT	G'TGTGTAAGT	TTGGAAT'TTG	CC'TTGATATG
98151	GCATTTATAG	CGAT'TATTTG	AAGGCCTAGG	TAAGACAGTT	GCTCCATC'TT
98201	CCTTT'AAAAC	CATCCCTCTG	C'TCAGAGAAC	TGCT'TAGTTT	GGTCATCAAC
98251	TAGTTACAGT	T'TCAACTCAA	TGCCTGGTCA	GGGACGCTGG	C'TTTTCCACA
98301	CAGTCC'TGGG	GGAT'GCTACT	CCTTGAATC'T	ATGATATGCT	GGAGATGCTG
98351	TGAGAACTCG	GGGTAATGCC	TGCCTGGTGG	GGCTGTGATA	CCAATGAACG
98401	TTGATGGCTC	AAGTCCTGAG	CATGTGTCTG	GTATGTGCTC	ATGGGTAGCTC
98451	GGTCAATCAA	GACCTGCCCA	TCT'PAAGTGA	AGCAGAGCCC	GTTCCCTATG
98501	TGAAACCCAA	CCCTTCCCTC	CAGGCTCCAT	ATTGGTTTCT	ATTTGT'TTTC
98551	CAGCCCCATT	TACCTCTTCT	TTGGAACACC	AATCACATTT	CTGTTTAT'TT
98601	TATATCAATT	TCCCTCCTCT	ACCTGAGTGC	ATGTCAGTAG	C'TGATCAGAC
98651	CTACCC'TCAC	ATTAAGTGCT	TGCTTTTGCC	TCAGTTGCTG	CAGTGTAGCC
98701	TTAGGCTGCC	TGCCTGCCTC	CAGTGCTGAA	GAGAGCTGCC	TTGCTCAGTA
98751	CCACAGTTCT	T'TCAATGGCT	GAATCATGGC	TCTGAAAGAC	CAGCCATCAT
98801	ACATCATATA	TG'TCTATAGA	CACATATACA	TGCATACATA	TATGTATGCT
98851	TGTTTGT'TTT	TGGACAGATT	C'TCACATCAT	AACCTTGACT	GTCCTGGAAC
98901	ATGCTATGCA	AACAAGGCTG	GTCATGAAC	CACAGACAAC	CACCTGCCTC
98951	TGACTCCAG	GTGCACCACC	ACACCCAGCC	TAAGTGTTCT	T'TATGATTAT
99001	TTCATAT'TCT	GCACT'CCCC	GTGCTCAATC	TTGCTTCCTT	CTCT'TTCTTC
99051	TATGGAGGTA	ACCCTAGGAC	TATTCCCTAA	GAGTATTCCC	TAGGAGTAT
99101	CCCTGATGCA	GTGTTTGCAC	TGGCTTTCTG	GGAACCAGCA	TGTGCCACCA
99151	TGCCCTTGGA	CATGACTGTC	TTTGCCCGTT	GTGCACGTTG	TCCAGGGTCT
99201	C'TCAGAGTCG	CTGGCAGTGG	GTGAGAATTG	AGCTGATGAA	TCAAGAGCAG
99251	CTGAACCTTG	GGGAAT'TTCT	GCTTCTGTCC	TGACCCACCT	CCTTCTGCAC
99301	AGGAAC'TCTC	TGAGCTTCTA	TCCTGGAGTC	TTAGGGT'TTC	CACTGCTGTG
99351	AAGAGATTCC	ATGACCAAGG	CAACTCTTAT	GAAGGACAAC	ATTTAAT'TGG
99401	GGCTGGCTTA	CAGGGTCAGT	CCATTGT'CAT	GGCGGCAGGA	AGCATGGCAG
99451	CATCCGGGGA	GGCATGGCAC	CTTAAGGAGC	TGTGAGT'TCT	GCATCTTGAT
99501	AGGACTGCAG	CCAGGAGAGA	C'TCTTCTGCA	GATAGCCAGG	AGGAGGGTCT
99551	C'TTCCACACT	GCACGGAGCT	TCAAAGCCCA	CCTGCACAGT	GATACACTTC
99601	CCCAAAGAAG	GCCACACCTC	CTCTAACAAG	GCCACACCTC	CTCTAACAAG
99651	GCCACACCTC	CTCTAACAAG	GCCACACCTC	CTCTAACAAG	GCCACACCTC
99701	CTCTAACAAG	GCCACACCTC	CTCTAACAAG	GCCACACCTC	CTCTAACAAG
99751	ACCACACATC	CTAAAAGTGC	CACAT'TCCAT	GGGGCAAGCA	TATTCAAACC
99801	ACCACACCGG	GAATTTATTT	CCTCCTCTTC	ACTCATGTCC	ACATTCACCT
99851	TCTCAGTCCC	C'TTCCCTCCG	TCCTTGTCCT	CCTTCCCTCC	CATCTTCCTC
99901	CTCCTCCTGC	TCCTCCTGCT	C'TTCCCTTTC	CTCCCTTTT	GTGGCTCTGA
99951	TCCTGGCAGC	TGAGGAGAAA	GTCTGATAAA	ACTGGCTGAG	TTGGGAACAG
100001	CTCAGTGAGC	TGAGGTGTCC	T'AAACCCAG	CATCT'TCCCT	TTGAAGCTGG
100051	TG'TGGACCTT	T'AAAAACCG	TGCTGCTCTG	AGGAAATCAA	TATCCCAAGG
100101	TGCTGCTTGC	TAATTGCATG	GTGGCCTCAG	AGGGTGT'TT	CTCAT'TCTGA
100151	ATGAGAAGAA	AGAACCCTTT	AAAGCAACAA	CTCTCCTGTA	TAAACAGAGG
100201	GAAGAGAGAA	CCCTCA'T'TT	AAATCCTTGT	GAAAATGGC	CTCTTTGTTG
100251	T'IAAAT'TTTC	ATCCTCAGAA	CTGCCATCCT	GCTGGCAGCC	TAGCGTTGAG
100301	GGTCTTTTTC	AAAAAGCTCC	TTCTACCTGT	TTCAGAGAAA	GCACCAGGCT
100351	CAATTCCGAA	T'TCCAGAAGA	ATTTGAGACC	TGGACCTGAG	TGCCTGTGAG
100401	GCTGTGTAGT	ATCTCCAGAC	TCATCTGCCC	GGCAGGCACC	GCTAATCATC

100451	CCATGCAGTC	TATATGGCAC	TCCATGCATG	TGAGCACACT	TTGAATACTT
100501	CAAAGAATGC	TGAAAAGAAA	TTGTCACTCG	ATCCTCAGTT	AAACAGGGCT
100551	TGAAAGATAA	GGTTGATATA	AAACAAATAA	AAAGTAAGAA	GGAAATAGAC
100601	TTCAAGGCCA	ATATAAAGTT	TTAGAAAGTA	T'TA'T'TTTTCA	TTT'TGGATGT
100651	TTGGCCATTG	TCTGTAGCAT	GTTGTTTTTT	C'TCTAGAAAG	CGCTAGTAGA
100701	CCCCACCTAG	ATTCC'T'TTGG	ATCCACAGAT	AACAACAACA	ACAACAACAA
100751	CAACAACAAC	AACAACAACA	ACACACACAC	ACACACACAT	GTGCCAGTTA
100801	ATCTTAAAAAT	GCC'TGTGCTA	ACCCAATGAC	TGGGCAC'TCC	TAAACCTTCC
100851	CTGCTACCTC	AGGCATAATC	GGATAGAGTG	GCCATTAGCC	ACTCCAACCA
100901	AAAACTCACA	TGGCCCACTG	GCATCATCTC	CTTT'I'CTTCC	CCAGT'TTAAC
100951	TGATTCTCTC	TGCACCCCCC	TGAGCAACTC	TAAGTG'TCCC	GCCCAGTGCT
101001	CAGTAATTGG	TCCGTGTTAT	CTTTATTGAT	TGATCAAGAA	CCAAT'TGGGG
101051	AGCAGGACCT	TAGCATGAGC	CCCAGTGGTC	CCTGGTAGTC	ACACAAC'TAA
101101	GAATAAAAAG	TCCTTGTCTAT	GGCTTCTGTG	TAAAACAGCC	TATCCT'TTTC
101151	A'TTCATTAC	TGATACAAGG	CAGACCTGGG	GAGACGCCTG	CTC'TG'TGAAC
101201	CACAGCCTTG	AGA'TGC'TGTG	GAAGCTGGTT	CTTCT'TCTGC	TACTCTTTAG
101251	TCTGAGGCAI	CCATGGCTCA	CATGCAT'CCC	TATTTTCTCC	AAACAAGTGA
101301	TGCTCT'GAGA	ATGGACACTA	TTGGGGAAAG	TCT'TTCATTC	AC'TCATCTGA
101351	ACATAGAGAA	AGCAACATGT	TC'I'CAGCACA	GGGCAGT'TTT	CCACAGCAAA
101401	T'TGGCCTTTC	TCTTTTCTGT	AGAAGGCAGA	TGGGTGAGGG	GCCAAAAGAG
101451	GCT'CCAAATG	GCTGCCTTTT	TAATGAGAAT	AGATTATAAA	ATCCTTATAA
101501	TAGTTAGGGT	ATGCCAAAGT	C'TTAGAATTG	CTTTATGATC	AGATGTGAGC
101551	ACTCAAGAAT	ATAACCAACC	TCTCATTAGA	GATGCATGGA	TCGTGGTAAA
101601	GAGTTTTTGA	ACAGGAATGA	GCTTTTCAAA	AGCTTTAAGG	CTCAGGTATA
101651	GCCATTTTCT	CTCAGGATAA	GCTTTATATC	CTGTG'TGAAA	CAGTGAGCTG
101701	TGACATGTGC	TAACACATGT	GCGAGTGCAC	ACATACACAC	ACACACACAC
101751	ACATACACAC	ACACACACAC	ACACACACAC	ACACACACAC	AACCAACA'TC
101801	ACAAAAACAA	GGAGACAGAT	ACTGTGTCTG	ACATGATGTC	TGACATGATG
101851	CTTCTACCAT	GAAGATGGTA	AGACCATAAG	CTTGACACTT	TGTGTGTGCA
101901	TCTCTCTGTG	TGTC'TCTGTG	TGTCTGTGAC	ATACCTGCAT	G'TTGACACTG
101951	GATGTCTCCT	TTGACTGCCC	TCCGCTTTAT	TTACT'TGGGG	CAAGGTCTCT
102001	CTCACT'GAAC	CTTGAGCGCA	CTGATTCTGG	T'TAGTCTATC	TAACCTTCCT
102051	GCATAGTGGA	TCCCCTGTCT	CCCCCCAGAA	GCTTGGATTA	CAC'TCCAGGT
102101	AAAATGCCCA	CTTGGGTTTT	ATACGGGTGC	TAGGGATCAG	AACTCAGTCT
102151	TCAAGGTTAC	AGGACAGCAC	T'TTATCTACT	GAGGCCATCT	CCCTATGCCT
102201	AACCTAGTTC	T'TAGTT'TTTT	TCTGACCC'TC	TGTACTTCCA	ATTGATGCTT
102251	T'TTAAAAATGT	GAAATGATGT	TATTA'TCCCA	CTCAAAACTC	T'TCCATGGCT
102301	CCTGCAT'AAA	ACGAAGCTGA	CATGGTTGCT	TAAATAGTCA	GCTTGACACA
102351	TCTCTTGCGA	GAGCCTCCAT	GAGGGG'TAGT	T'TAGACCAGT	T'TGGTCCATG
102401	GGTATG'TCTG	TGGAGGGTCA	TCTTGAT'TTC	CTTAACTGAT	GCAGTGTTGG
102451	GCCCTATTTG	GCCTTGGTTT	GGGCCTT'GAG	GACAAACTTG	AGCCTGGCTC
102501	GATTTTCAAG	ACCTGTCAAT	CGCTTGAGAA	TGACTCAGCA	TGACCTACCG
102551	ACCTGACTGA	GCCTGCCTCT	GCCTATTTAC	CGCTGATGTA	TCAATTTCTT
102601	ACAGGCCCCG	TGAGATCACC	CCACACCCCT	CGTCATCTCA	CACCACCCAA
102651	TACGTCATCT	CACCCACAC	CCCTACCCCC	ACCTCCTTGT	CTTCTCTATA
102701	TAAGCGAGTG	CTTAGT'T'PAA	TAAAATAAGT	TCCCGCT'TTG	ACACGGGCCT
102751	T'TGACACGCA	GCATCCCACT	CAACCCCAAG	GGGACTGGGC	TGGACCGGGT
102801	TCTCTCCTCT	CCCCTGGACC	TGCTGGCAGA	GAACCAACAA	CATAGGAGCC
102851	TGAAAATAGG	TAGCAACATT	CCTTGAATTG	GGGTCCCAAG	CTCTATAAGA
102901	GAAAGCTGAC	TGAGCACCAA	GCTTACCATG	TTCAT'T'CTC	ATGTGTTGTA
102951	ACGAGCTGCT	TCAAGGTCCT	GCTGCCATCA	CCAGCATTTGT	AAAGTAAAAT
103001	CAACCTCTCT	CCCCTAAGTT	GATCTTCATC	AGGATATTTG	TGTG'TGTTTG
103051	CATGTATATA	TGTATAATGT	ATATGTGTAT	ATATGTATAC	ATGTATATAT
103101	GCATACATAT	ATATTTTAAAC	CACAGCAACA	GAAATGAACA	TAGGACAGCA
103151	GCC'TCCTTGT	TTGGCCATGA	ACTGAGTCAG	CCCGGGTATT	TTGGGT'TGTG
103201	CCAATTTTAC	TCCTAGAATA	AACATATGAA	T'TTGACTCGC	ATGATCAGGC
103251	ATAGTTTGAT	TCCAGAGCAC	TGGGAAAGAC	AAGCTCATAA	C'TACCATGAG
103301	GGTTGCTGAG	AGGTCTTACA	CGCATTCACG	ACCGGCCAGG	AAGAACACAG
103351	CAAACCAGAA	TCTTCTGCGG	CAAAACTTTA	TTGCTTACAT	CTTCAGGAGC
103401	AAGAGTGCAA	GAGCATTATT	GCTTACATCT	T'TAGGAGCCA	GAGCGCAAGA
103451	GAGCAAGAGA	GCAAGAGCTC	TAT'TGCTTAC	ATCTTTAGGA	GCCAGAGCGC
103501	AAGAGAGCAA	GAGAGAGAA'I	GGCAAAACCC	CGACCCTT'TT	AAGGAGAA'TT

103551	ATCCTCCGCC	TAGGACGTAT	TACTCCCTGA	T'TGGCT'GCAG	CCCATCGGCC
103601	GAGTTGTCCG	CACGGGGAAG	GCAGAGCACA	TGGGGTGGAG	AACTACCCTT
103651	GGCACATGCG	CAGATTATTT	GTTTACCCT	TAGAACACAG	GATGTCAGCG
103701	CCATCTTGTA	ACGGCGAATG	TGAGGGCGGC	TCCCCACAGA	GAGGCAGGAT
103751	GCAAACCTCAG	GCCTCACCAC	CACCTTGTCA	CCCCAAGTGA	TGACAAGCAA
103801	AGCTATACTA	AAGAAGGGTA	AGCAGTCACT	CTCAGTGACA	TCATACAGTC
103851	ATGGCTGACC	CCTGATTTCT	ACAAGAACTC	ATTCATCACT	AGGTGGACTT
103901	AGTCAGGGCA	TTCTAGAACA	AGACCAATAG	AGTGAATATA	TGTTACAAAG
103951	GGAATTTATT	AGGGTGAGCT	ACATGGTATG	GTATCCGTTG	TC'AACAATG
104001	GTTCTCTGTA	CTCTGGAATA	GCTAAGAACC	TCACAGATGC	TCTGTCTATG
104051	AGACTGGATG	CCTCCGTAGT	TGCAATCTGG	TCCTGAAGGC	TGGAAGATTC
104101	CTGGAGGGCT	GCTGGCCTTC	GTTCTGTGTT	AGAAGTCTGA	AGAACCCGGA
104151	GTTGGATGTC	AGCGAATGGC	AGCTGAAGTG	GCAGATAGCT	CAAGTGACAT
104201	AGCAGATGCA	GTCACCAGTT	AGAAGTGAAG	GCGGGTCCTC	AAAAGCAGCC
104251	CCACTTCCCC	CTGGGATTTC	TTTATGGCGC	TGCCACTCAA	TGCGGGGAGA
104301	GTTCTGTCCCT	AACAGTTAAA	CTTAGAAAAAT	ATCCCTGTCAG	ATGGGCCTAG
104351	AGACATGTCT	CTTAGTTTGAC	TCCATATCCA	ATTAAGGTGC	CAATCAAGCT
104401	TAACCATCAC	ATTGCATTTT	CTGGATGCAT	TCCCAAACCTA	AGTGTCTGCC
104451	ACCTTCGACT	GACTGACTGT	AAGAGTTAGC	TTGAAAGCCA	GCCTCTTTCC
104501	TCACAGTTGC	CCACCGAAGC	CTTCTGGAGA	GTCCCTCTGAT	TAGCCCAATG
104551	CCATAGTTTG	TCCCCTAACA	GAACATAGAA	CTGGAATGAT	GGGTAAAGAT
104601	GTGTCTATGT	TCTGGGGACC	AGCTTTGAGG	TCTCAAGGAG	AGGATAGGGG
104651	TGAAGGGTTA	GAGTTGATGT	GAAGAAGATG	ACATTAATCCA	GAGCAAAATT
104701	TTCCTGCTTC	CTGTGTGACC	CTAGCTGCCT	AATGAGTATT	GGTGTAGTAC
104751	GTCTGTATGT	GTGTGTGTAT	GTGTGTGTCT	TTGAGAGAGT	GTATGTGCAT
104801	GTATGTGTGT	GTATATATAA	GTATGTATGT	ATGTAATCTGT	AAGAGAGTAT
104851	GTGAGCA'GT	ATGTGTACGT	ATGTGTGTAT	GCAGGTATGT	GTGTGTGTGT
104901	GTTTGTGACT	GTGTGTATGT	GAGTGTCTGT	ATGTATATAT	GAGTATATGC
104951	TCATATATGT	GCGTATGCGA	GTGTGTGTGT	GTGTGTGTGC	CTGTAGGTGT
105001	ATGATATGTGT	GTATATATGT	GTGTGTGAAT	ATATGTATAT	ATGAGTGTGT
105051	TTGTGTGTAT	GTGTGTATGT	ATATGTGTAT	GAGTGAGTGA	TAGTGTGATG
105101	TATGTGTGTT	TATGTGTGTA	TATGTGTGAC	TATATGTGTG	TGCAAGAGAC
105151	TGTGTATGTA	TATGTATATA	TGTGAGTGTG	TGTATGTGTG	TTATGTGTGT
105201	GTATGTATGT	GTGTGAGTGT	GTAATGTATG	TGTGTATATG	TAAGTATGTA
105251	TATGTATGTG	ACTATGTATG	TACATATGTG	TGTATGTATG	TGAGTATGAT
105301	TGTGTGTATG	TATGTGTGTG	TATGTATGTG	AATGTGGTTG	TGTGTGTGTG
105351	TGTGTGTGGT	ATATGTGTGA	GTGTGTATAT	GTATATGTGT	GTGAGTGTGC
105401	GTATATATGT	GTGTGTGGTT	GTATATGTAT	TTGTGTATAT	GTGTATTGTG
105451	CGTATGTGTG	TATGTGTGTG	TATGTGTGTT	TGGAGGTATG	TGTATGCAAC
105501	TAGAAGCTGG	AGATTTTTGG	TTTTGTTTTT	TCTAGATTAA	CAACACA'TTT
105551	TTGCCTGCAT	GGGGGAAAAAT	GTTGTAAGGC	AGATTAGAAC	AAAACAAGCC
105601	AAAAGCAGAG	CTAACGTTGC	CTTCTTGACA	CCTTATGACT	CACCTAAGGC
105651	ATGCTGATCA	ACCGCAGGCA	TCAGTAAACC	CTGATGAAAG	GGGCCAGGGC
105701	CAGTCTGGG	GATCTGGGCA	GGCAGTGCCA	TCAGCATGCC	TTGCTCATGC
105751	TTTGAGTATG	ACTGCCTTAC	AACTTCAGTT	CTCCATTGCG	ATACTCAGAA
105801	AACATGAAAT	GAAACTGAGG	GGCTTTCCCT	GCTGGCAATC	CCATTCTGAG
105851	GACTCATGAA	GACAGGGATT	TTATACTCCT	GCTGGAGCCT	GGGGTCCCTCC
105901	TTCCTCCATA	TGCCTGGAAA	GCTCAGAAATC	AAGCAAGACC	AAACTATGGT
105951	GGTGGAAGTC	AGGAGACTGG	CTAACTTTGT	GGGTGTAATA	GGGACTTGGG
106001	GAGGGTAAGA	GAGGGCTCAC	GAATTCCTGG	TAATGCTGAA	TTCTCCAATG
106051	CTGTGCAGGT	TACATAGAAG	TGCTTAGTTT	GAGAGGACCG	GTTGAGTTGC
106101	ATATCTGTGA	GTGGCTTACT	TGCTCTAGGT	GTGGCTCAAT	AAAAACATCA
106151	CATTATGTTA	AATGCTGTTA	TTCTAGGCAA	CCATTTGTTC	CTGTGGTGGT
106201	CTTAGAAACA	AAATGAAGCG	AAGTTATATT	TAAGAAAAATA	ACGATTGAAA
106251	TGAATATATA	AAAGTTTAAA	CATATAGTAG	TGTGPTCACA	ACTCTCCAGG
106301	AGTTTCAAAC	ACTGGTTAAA	AAAACAAAAA	CAAACCTAAA	TGGGGAAGTA
106351	GGGGCCGAAG	AGACGGCTCA	GTGGTCCAGA	GCACTTCCTG	ATCTTTCAGA
106401	GGACCTGGGT	TCAAGTGCCA	GTAATCACGT	GGTGGCTCAC	AACCATTTCTA
106451	TGAGTCCAGT	TCCAATCACC	TCACTAGGCA	TACACATGGT	GCACAGACGT
106501	GTGCAAGCAA	GAGGGCCGGG	GAGGGGAAGA	CACCCGCCCC	TGCCCTTCTG
106551	AAGTCCTGTG	CTAGCCCCATG	GTGGTGATTT	GAATCTTTTT	TTTTTTTTTTT
106601	TTTTGTTTGT	TTGTTTGTTT	GT'TTGT'TTT	TCGAGACAGG	GT'TTCTCTGT

106651	GTAGCCCTGG	CTGTCCTGGA	ACTCACTCTG	TAGATCAGGC	TGGCCTCGAA
106701	CTCAGAAATC	CGCCTGCCTC	TGCCTCCGGA	GTGCTCGGAT	TAAAGGCGAG
106751	CGCCACCACG	CCCGGCGATT	TGAATCTTAA	TGTTCCCCAT	TAGTTCACGG
106801	ATTTCGAACAT	TTGGTGCCCC	AGTTGCTGAT	GCTGTTCAGG	AAGGTTATGG
106851	AAACTTTAGG	AGGTTGGAGCC	TTGCTTGAAG	GAAGAGCCGT	GTCGTGGGTA
106901	GGCGGGGTGG	GGTTTTATGG	TGTGGTCTTA	CTTCCGGTTC	TGGGTATTTT
106951	GTTTACTGAA	TATAGATGAA	ATGGGATTGG	CCAGCCTCAT	GCTCCTGTCA
107001	CCATGCCTCC	TGCTCCAATA	AGTTGTGCCC	CCTCTAGAAC	AATAAGCTTT
107051	TCCTCGGAAT	TCTAAGTCAC	TTTTTCGTCAG	GATATCCTAT	TACAGCATCA
107101	GAAACTTAAT	ACTCAATATA	AGGAAATTTT	GTCAACTCAC	ATCTCCCCCA
107151	TTTCACGGGT	ACTTGTGTAG	TTTAAATGCC	AGTAATCCCC	GTTTGAACCTG
107201	TAGCAACGCC	CTCCACTCTG	CGCTATGTAT	AATCCAATTGT	CAACTCAGCA
107251	AAAATTATAT	ATTTAAAACA	CAGAGGCTGG	GGGTGGTGGT	ACACACCTTT
107301	GATCCCAACA	CTTGGGAGGC	ACAGGCAGGC	TGGTCTCTGA	GTTAGAGGAT
107351	AGCCAGTTTG	AGGACAGTCA	GGGCTACACA	GAGAAACCCT	CTCTTGAAAA
107401	ACCAAAACCC	AAACAAGACC	GAGCAAACAA	AAACCTGGTT	CCAATTACTC
107451	CCCAACCTGA	AGCTCTTCAG	TTTTTTCCCT	AGCACTCCAA	GTTAAATTCC
107501	AAGATCTGTT	CCA'TAGGCC	CTGCAGGCCA	CCATTCTTCA	ACCCCTACTG
107551	CCTCTCTGAC	CAGTTCCCAT	CACACTCTCT	TGGTCTCACT	GCTTTCCAAC
107601	CTGCATGGCC	CACACCCAGT	CTCTTCCTTT	TTTCCCATGC	GTTTGCGCAC
107651	ATGAACAATG	GGTCTCCCA	ATCTCTGCAC	TGTCGGCTGC	GGTTTATCCT
107701	TTTGATACCC	AGCTCAAATG	TTAGTTCCCT	AAGTATCGTC	TCCCAGCCAT
107751	TATTGGTTCC	ATACTCTGAC	TTTATTTTTC	AATGTATGGG	GTGTGTATGT
107801	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGAGAGA
107851	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	ACACTTAATA	TGGAGAGCAC
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107951	AAAAGCAGCA	GACAGCATTC	TTAAATATACC	TTAACTGAAA	AAGGAAATTA
108001	ACAAAAGAAC	TGCATACAGG	CACGTAGGCA	GGCTTAGGCT	TAAGGGAACC
108051	GGTAAGGCAT	GGTGAGGAAT	AAAGCAGCCA	TATTAATCTG	CATTCCATTA
108101	CTATAATAAA	ATACCCGAGG	CTGGGTGAGA	TTATAAAGAA	AAGAAGTCCA
108151	AGGCTGAGAG	GCTGTTGATT	GCCTTGCTGA	GAGAGTCCAG	GGCCTCTGGG
108201	ATCATAAGAA	AAGATCCCAG	GCATAAGCAG	TCTTGTGGGA	CTAAGTTTTC
108251	TTAATATCTC	ACACTATCAC	AATAGGGATC	AAATTTTCAG	ACATGAACCC
108301	CCCCCTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	CCAAATCATA
108351	TTAAGTCATA	ACAAGACAAT	GTCTAGAGAT	GAGGAACTCT	GGAACCTGGG
108401	GAGAGGGGTT	GTGGCAGGGA	GCAAGTGCAG	AATGGCTAAC	TTGCCCATGA
108451	TTCAACCCTC	TGTCAGTGTT	TTCTTGACTG	AATGCAACTG	GAAGCCAGAG
108501	GATAAGGGTG	CAGGGGGAAT	GTGCCTCATA	AATGCCAATC	TTCTCCAGCA
108551	TCCTGGGGCA	CAGCAGAGCA	GGAAAGAACA	ACCAATGGAC	TGGATGGAGG
108601	CAAGCCAGCA	GAACCAGCCA	TGTCCTTGCT	CAGCATATGC	CAAAGAGAAG
108651	GTGATAACTA	AGTGAGAAGA	CAAAGAAAGC	TGAAGCAAAA	GCAGATATAC
108701	CAATAGGTGT	TTCAACAAGC	CCGAGGTGGT	GGCGCACACC	TTTAGTCTGG
108751	GCACTCAGGA	CGTAGAGGCA	GGCGGCTCTC	TGAGTTGAG	GACAGCCTGA
108801	TCTACAGAGT	TCCAGGACAG	TCAGGGCTAC	ACAGAGAAAC	CCTGTCTCAA
108851	AAACAACAAC	AACAACAACA	AACAAACAAA	AAAAGTTTCA	CAAGCCTCAG
108901	TAAGGTGAAC	GAAAGTACCC	TCTACAAACC	TGCAGTCAGA	TGTGTGGCTC
108951	ACAACCGTAA	CTTCAGTGCT	CAGGATAATA	AGACAGGAGG	CGTGCCATGA
109001	ACGTGAAACT	AGCCTGGTCT	ACAGTGCATT	TTAGACCTGC	CTGGGCTACA
109051	GATGTGAGGC	TCTATCTCAA	AAACAACAAG	GGGAAAGCAA	TAATCTTTAA
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109151	TAAAGATCCT	GAGACCTTTG	AGAGTAACGG	ACCCCAAGTAA	CGTGGAATTG
109201	TGGAGCCAAG	ACTACAAATG	AGGCCCCAGA	TTTTTTTCAT	TGGACCAAGC
109251	TAAACATGTT	TATATGAACA	AGTTAAACAT	AGACACACAC	ACACACACAC
109301	ACACACACAC	ACACACACAC	ACCCCGTAGC	CCCCCTCCC	CCCGCTCTGG
109351	TCATTCCCGG	AAATGTCTGT	CTGCTTGCCG	AATCCCTGAG	CAGAGTCTGT
109401	TTCCGGCCTC	GTGGCTTTTA	GCCTACATAG	GGTCCACAGA	GGAAGGCAGC
109451	TTCCGCCCGC	TGAATAATTAT	AGTGACAATC	TAACGCCATT	CATAC'TCCAA
109501	TCACCAACTG	TTGCTCTCCT	TCATCGCTAT	TGTGTAGGGT	GTCTAGATTT
109551	ATTTCTATTG	TTTGTAGTCA	TGCATCTCCC	GTGTGGGTAT	GTGTATGTGA
109601	ATGCAAATGC	TTACAGTGAT	CAGAGGTATT	GGATTCAACC	GGGAACCTGGA
109651	GCTATAACCA	ACATAAGCCG	CCCAACGAGT	GTACAGGGAA	CCCACCTCAT
109701	GTCTCTTACA	AGAGCAGGAC	ACAGATTTAA	CCATGGAGAA	ATTTCTCTAA



109751	CTCTTAATTT	TAATTTTTTT	AAATTTTTTT	AATAAAAAAT	GATATAAAT
109801	ATATTATATG	TTGAGCATAT	TCCCCTAAAG	CCCCTACCCC	CTCCTTTCCC
109851	GCCTCCTGTT	AGTTTCATTT	CTTCCCCAAG	ACAGTTTCAC	TTCTGCCTGT
109901	AGGTCAGATA	TTCATACATG	ATTTTCATGTA	TCTATAAAAA	AAAAAAAAAA
109951	TCCAGGAACC	ACAAATGAAA	GAAAACATGT	TCTATTTTTT	TTTTCTTTCT
110001	GAAGCTGGCT	GAATTCGTTT	AATTTGGATCG	TCTCCAGTCA	TATCTACTTC
110051	CACACGAGCA	CGCTAACTTC	ATGTTCCCGT	TGTGTAGATA	GACCACACTC
110101	TCTTTATPCA	TGCCCTCTGTG	CTGACTTCGT	AATCAGCTAC	TGTAGACTAG
110151	AGCTGCCGAT	AACCACAGAC	GTGCAGGTAC	CTCTGTGATG	GTTTCCCAAG
110201	TCCCTCAGGG	AAACACCTAG	AAGTGGCTCA	TGCCCTAGTT	AGTTGTTTGA
110251	GAGACCTCGA	TACTGATTGC	CTCAGTGACT	GGACCAGTTT	ACCTTCCTAC
110301	CAGGGGTATA	GAAGAGCTCC	C'TTGTCCGA	ATGTGGCCAG	TGTTTGCTGT
110351	TTGTTTCTT	GATGCCTGCC	ATTCTGACTG	GCTGGAGACA	GAACGCAGTG
110401	TATTTAATTT	TGCAGCCATC	TGTTTCTTTA	TAATGTAATT	ATTTAAGAGC
110451	ATTTTCTCT	TTTAAGGCTT	TGGAGAATCT	GGGTTTGTGT	TGTCTCCTGT
110501	CACTTCTCT	GAAGCACTTG	GGCAGGCACG	GGTCAGTACA	GTCAGTTATTT
110551	TGGTGTCTTT	TAATGTTTAA	GAAAACTCA	CTTAGACGGT	ACATTGTTAC
110601	ACATGCGCCA	CAAACTTGTA	CCCTTTTTTC	TCCCATTTGAA	TATTTGGACAA
110651	TGAGTATTTA	TTATCCAAGC	TATATAAATA	GCACTTTCAA	AACAATTAGC
110701	ATATATCAAT	TGTGTATAGT	CATGAGTTCA	TGTC'TACAA	GTACTTGGCT
110751	CATTTT'CACC	QCATCAGAAC	TTTCTTTTTT	ATCTTTCCIT	TTCCCCCACC
110801	CTAGTTGTGC	T'TATTCTTCC	CAAATAACAT	TTCTTTTACT	T'TTATGCCCTC
110851	AAGAAAGAAA	ACCAGACTCC	ATATGTGAGG	GAACGTGTGT	GATGATTGTG
110901	GT'TCTGAGCC	TGGTCTACTT	CACATAATCT	GATGAGCTCC	AGTTTCATCC
110951	ATTATCCTGC	GAA'TGGTATT	TTGTTCTTTA	TGACTAAATA	ATCAGGTACT
111001	GGCAGCACAC	TTTCTGTATC	ACCCATTAA	GGGAACCCAG	GCAGATTGCT
111051	TCACCTGGCT	GCTGTGAACA	CTGCCATGGC	ACATGTCATT	GGCTCTCTCA
111101	TAGTAACTCT	AGGGGTGTAA	GTTACTTCAA	GGGATTTTTC	TGTTGCTGGA
111151	CGTTTGACTA	TGCGGCATCC	TCATTCCATT	CAATATCTAC	TCAGTATCAA
111201	GGTTGTCAGG	AGCAACATTT	TGGAGGCGGA	TTTCTTTTCGG	TGGAATTGCT
111251	TTGAGGAGAG	CTGCTGTCTT	CAGGGAATGC	CTAGAAAGGA	TGGTTACACT
111301	CCACAGCTGT	AATTACATCC	AATAGACTCA	GCTTGTGAAT	CTAATTTGTT
111351	TTGTAAGCTA	ATCCATCTTG	TTGTGGAAGA	GTTGAAAGTG	TCTTCTGGTA
111401	TACACCGGTG	GAAGAATACC	TTTATAAAAC	CCATTTCGTCC	ATCTATCCCC
111451	ACCCCCACAA	CCATCCACCT	GCCCCACCC	CCACAATCAC	CTTAGCACAC
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111601	ATGCTAAT'AA	TTTTGAAAAAT	ACTGTTTATA	CAACTTTGGAT	AATATAACTA
111651	CTCATGAGCT	AATATTAAAT	GGAGGCAGGG	GAAGGGTACA	AGTGTGTGTC
111701	ACACATGTGA	CAATGTATCT	TTTAAGAGTG	GCA'TTTCGCT	GGGCAGTGGT
111751	GGTGCAACGC	CTTTAATCTC	AGCACTTTTGG	GAGGCAGAGG	CAAGTGGATT
111801	TCTGAGTTCC	AGGCCAACCT	GGTCTACAGA	GTGAGTTCCA	GAGTTCAGG
111851	ACAGCCAGAA	CTACTATACA	GAGAAACAA	CAAAAAAAAA	AAGAGTGGCA
111901	TCTCTCTGGG	GCTGTGGTCT	TCTCCAAAGG	TGTACCATTT	CACCATCTTT
111951	AGTATAGCTT	TGTCTATTGG	TGAGCAAGAG	CTAAGTCCAG	ATGCCATTAT
112001	GACTGCTCAA	AGTCCCAGTC	AAGACCACAT	AAATTCATC	ATTATGTTGA
112051	ACATTGTAGA	A'TTTTTTGAG	GTATCAAATT	GAAATGTCAA	CTTCCATTTGT
112101	ATTGAAACTA	CCAAACAGCC	CCTATTAGTG	TCAGAAAAAT	CCCCTTAAAA
112151	TGCCTTAAAG	CATAGAAAGG	GATGTGAGAA	GGATTCTGTA	TTGGCTGAGC
112201	ATCCGTGCAC	ATCTGGCTGG	AAACCGAACC	ATTAQTCTTG	CAAGCACAA
112251	GCTCTGGCTG	AGAGTGGTGA	AGTCTGTAGC	TGGTGGCCCT	GCTCTGCTTC
112301	AGAGTCCACT	CCACTTCTTC	TTACTATGTG	GCATAGCAAA	ACTCTCAGTT
112351	TCTCTTCCTT	ACTTTTCAATTA	TCAAATAAGG	TAAAAGTTTC	ATCTCCTTTA
112401	TAGCCTCAGA	GGCCTAATTA	CATTTGTATA	CGAAGACTCA	GTTCAAGGGT
112451	GTGTTAAACA	GAGTGAACAT	TTGCAGTATG	TCTTAGCGTT	TCTAGTGTG
112501	TGGTAAAACC	TATGGTCAAA	AGCTGT'TTGA	GGAGGGAAGG	GTTCA'TTGG
112551	CTCACACTTC	CACATAATAG	TCCACCATTG	AAGAACATCA	GGACAGGGCA
112601	GGAACCTGGA	GGCAGAAGCT	AATGCAGAGG	GCATGCATGT	ATGGGTGCTG
112651	CTTACTGGCT	TGCTCTTGCA	AGACAGTTGA	TCATACTTCG	GAACCTTGAG
112701	ATTGTTTTCGT	TTACTGGAAA	AACCTGTTTC	TAGTGTGTGCT	GTGGCTCACC
112751	CTTAGCACAC	ATCTAAAATC	CCTTTGACTG	CAATACAGAC	AGGCCTTTAG
112801	TGCACACATT	TAATCCCCAA	CAATGAAGGT	AAAGTTAATT	TGTAGAAAGA



112851	AGCACCCATG	TTTGAAAGTG	A'GTCTAA'T'	GAGTGGCAGA	CAAAGTGA'TG
112901	AATCAGAGAA	AGATTTGACA	GAATTAGATA	TGCCCCAACTC	TCACAAGTGG
112951	AGAGAGGAAA	GGGAAGCCAC	TTGAGGGGCA	GTGCAGGCAG	AGAGAGGAGG
113001	GTTTTTTTTT	TT'TA'TTGAG	ATAGTTGTAC	TGAGACAGAC	GATTAGAACA
113051	TA'ITGCCAAG	GGTAG'TTTGA	GGCCAAGCAG	AGCAAACAAG	TCAGAGGCCA
113101	AAAGAGAAGC	TAGATTGAAT	CTGTCAGCTT	GGAGAGGCAT	TTGAGCCAGA
113151	ACAGCTGAGT	TGAACCAACC	TGTAAGAGTT	CAGAAAAGAAT	TAGAAAAGGT
113201	GAGTTTATTC	AGCAGCAAGT	CTCAGAGGCT	AGAAACAGTC	TAGTGCTAGA
113251	TTAGACTGTA	CAGAGGCTAG	AAGCTTCCAG	GACTAGGTCT	AGGTTAGCAG
113301	ACTGAGGCAG	TAAGCCTCCA	AGATGACAGG	CAAATAAAAAG	ATACTTTAAC
113351	ACTCCCCATG	GCCTGCTCAG	CTTTACTTCT	TATAGAACCC	CAGGGTCATA
113401	AGCTTAGGGA	TGACAGCAGT	CA'ITATAGGC	TCCCCCATC	AGCCATTAAT
113451	CAAGAAAAGG	CCTCACAGAG	TTGCCCTACAG	GTCAATCTTC	TGGAAGCCTT
113501	TTTTCTTTTT	CCTCAGTTGA	GAGTCACTTT	TACTAAAGGA	CTCTAGCTTG
113551	TGTTCAAGTTG	ACACAAAACA	CCAACCCAGC	ACTCTCCTTA	TCT'TCAAAGC
113601	TTTTACCCTT	TCCCTGAAAC	AAGTCGATGA	AGCAGATCAG	GTGTTGAAAA
113651	ATGGCCAGTG	GATACGTTCA	TCTCAGCCTG	TAGATA'TTCC	TTCAGTTAGA
113701	ACCAATGCAT	GGAATCCTAA	AGTTGTATAT	AGAAGACCTA	GAT'TTCTGCT
113751	TT'TTCTTGAA	AAACGAACAA	AAAAGGCAAA	AAACCTTCAT	GTGATAGCAA
113801	CAAGCTCCAG	CCATGAACAA	GGAGAGAGGC	AGGTGGATAG	GCTTCCAGGC
113851	TGACATGCAC	TTCTCAGCTC	TTGGGAACAC	ACTGGCTCCT	GCTACTTAGC
113901	TATTTGGGAC	TCATTCAGCT	TATAAGAAAG	AAGTTGTCTT	CTCTAT'TTTT
113951	AAACTAGACT	AAAAGCCATA	GAAAATGCAT	AATTTATTCA	AACCAACAAA
114001	GGCCAGTTTG	CCACATAGTA	ATCCTTTGAC	AAA'TGTCAGC	TCCCAGTTCT
114051	CTGTTTTATG	GGCAATTTAA	GGCATAATTT	CTTTTCCAAA	ATCACGTTGT
114101	GCTCTTTAGA	GAGGCTTGAA	AGTGCCATGG	GACCTCACAA	TTTATAGAGT
114151	TTGAAATTA	TTTGAACCTG	CCATTCGTGT	TTGTGGGCAT	GAGTGCGTGT
114201	GTACCACAGG	ACCCACACGA	AGGTCAAAAG	GCAACTTTTG	GAGATTGTTC
114251	TCTCCTTCCA	CCATGTGGGT	CCCAGGATAG	AATCCAGTCA	CTAGGCTTGA
114301	GCTACAGCAA	ACGCTTTTAT	CTGCTGAGCT	GTTACACCTG	CCCTGATAGC
114351	TTTTTACAGT	GGCTGCAGGA	GCTCAGAGAA	GATGCTGTTT	AGAGGGTGTA
114401	CGAAGATCCT	TTAGGTCC'TC	ACTGTGGTCA	GATCACGTTT	CCCCAAATTC
114451	ATATGCTGGA	AC'TTAATTGC	TAGTCTGACC	TTATCCAGAG	ATGGGGCCAC
114501	CAGCAGGTAT	CAAGTCAGCC	AAGAGAGTGG	GGCTCTCAGA	TGAGGGATGC
114551	AGGGAAGTGA	TTC'TCTTTT	TACCCCTGG	CAGGTCCGCC	ATGTGATGAG
114601	TAACGATTCA	GCAGGAAGAT	AAAGAACGGG	CCTTCATCTT	GACTTCCCAA
114651	CCTCCAGAAC	TTTGAAAAAT	TACTTTTTAT	TATAGATTAT	TCAGTCTCAG
114701	GTATTTAGTT	A'TAACAGAAC	AAATACACCA	GGTCAGTATT	CTCAGACGAT
114751	ATTCTTGCCA	AACCACCCCG	GAGTGGTTCG	GAGGAAGCAG	ACCAGGGTGG
114801	AGGCTGCGGA	CACTGCAGAC	AGTGGCTGAA	AGGGGTTTGG	ACCCCCATCC
114851	CAAGACGTAC	AGCCAGCCCT	TCTTCTCAG	CCT'TTTGCCC	AACGCTGACA
114901	GGCACCCTGA	AGGGTACAGT	TTTTCTGAT	GAGAAAGGAT	CAGTATGAGA
114951	ATTTTATAGA	AAGAAAAGGC	CAGCTGCTTG	GTATGCCGGG	CCACTCGCTT
115001	TGCTTTGCTT	CCGT'TGGTGG	CTCCAGCATC	TGAGATTTCT	GCAATGATGA
115051	GAATAACAGA	AACAGAGGCA	CAACCATGAC	T'TATGACTTA	TGAGTTCCAA
115101	AACTAGTGT'	CCAGTGATAA	TGCTGGGTGG	ACCACTGAAA	ACAGTAAGTA
115151	CCTGACTTCC	AGCAAATCAA	GCCTCAAGAA	GAG'I'ITGCTG	GTTTGCCTGT
115201	TGTCCTGACC	AACCTCTTTC	TGGG'ITGCTT	TGGGACAAG	CAGGTTGGAG
115251	CCCAGCCCTT	CACTATCCCC	TGAGGTCATC	TCTTTAAAAA	AAAAAAAAAA
115301	AAAAGCCTCC	CAGCTGCAAG	GGAAGGCCCT	GTTTCCCCCT	CCCCCACTGC
115351	TGAGATCTTC	AGATCTCTTC	ATTATTGATG	TCTTTGCTCC	TGCGGGTCAT
115401	TTCCCAGCCT	GAATCAT'TCT	CTGATTATCT	GACCATCTCC	TGGGGGAGAC
115451	AAATAGTTTC	AAACATTCTC	AGTGACTCAT	GTAGCTTCAC	TAA'TTCTTCT
115501	GTATATTTTG	TTGTTGATGT	TTTACACTTA	CACACACACA	CACACACACA
115551	CACACACACA	CACACACACC	ACTGAGCAAG	TCCTAGACTA	CCAAATTTTC
115601	CCC'TGTGCAT	GCCCTTATTT	GAA'TTTTAGT	TTCATTTTAT	ACAAATAGAAA
115651	TGAGGGTCTA	ATTATTTCTT	CATTAACCGA	CCCCACCCCA	CTCCCCCAGA
115701	ACTTGAGTTT	T'TCCTGATGA	GAAAGGATCA	GTA'TGAGAAT	TTTATAGAAA
115751	GAAAAAGGCC	AGCTGCTTGG	TATGACGGGC	CACTCACTTT	GCTTTGCTTC
115801	CGTTGGTGGC	TCCAGCATCT	GAGATTCTGC	AATGATGAGA	GTAGCAGAAA
115851	CAGAGGCACA	ACCATGACTT	ATGACTTAGA	GAGTTCCAAA	ACTAGTGTTC
115901	CAGTGATAAT	GCTGGGTGGG	CCACTGAAAA	CAGTAAGTAC	CTGACTTCCA

115951	GCATCTGCTA	AAGGCTCATC	TCTTGCCAAAC	TTGAGCTCAT	TGCCCCGAGC
116001	CTGTGCGCTT	TTTGAATCCT	GTGGCAGCCA	TTTGGGTGAG	CAGGGGCTAA
116051	CTTGGGAAGT	TCTTAAGGCA	ATTATTTTGG	TCTCTGCTGT	TGTTTGGTAT
116101	GAGAACCCCA	GGCTGCCAGC	TTACCCAGCC	CTATCTCGCT	GGCTTTTTCC
116151	CCACCCCACT	GCACCCCTCT	AAATAGACTGT	ACAGTCCAGG	AACACATCAT
116201	AATCATAGTT	GCCAAGTAAG	CCAGGATGCT	CTCACGTCAG	AGATTCTGAA
116251	CAGGCTGTTC	TCTCCCAGCC	TGTTCTTCTA	CCTCCTCTCC	CCGGAGAAGT
116301	CTTACTTATC	CTTCATGGCC	CGACTCAAGC	ATTTTTTCCC	CCTGTATCCA
116351	AATAGCCTCA	GATCTTCTGA	CCCGCCCTGT	ACCTAATGTA	CAATTCAGTT
116401	ACACAACCTC	CTTGACCTCG	GGTCAGTGGA	GTGCTCTCCA	TTTGTAAGAA
116451	TTTATTTTCG	AATATTTTATA	TATTTTTTCAC	GATATGGCGT	GATGTGGTAA
116501	TAGAAAACGT	AGGATGCCTA	TGAAGAAACC	AACTCGGGGA	CTATGTGGAA
116551	TGCGAGCAGC	CTGTCACGTG	TGCCATTTTG	TTTCTGAGCT	GAGGTGAATG
116601	TTGCCACACA	CCTGTGCTGC	TAGCTGAATC	AGGAGTGTTC	AGGAGTGTTC
116651	CAAGTCCTGT	CTGAGTAACA	TAATAAATAG	TTGTTGTTTT	AAACTCTCCA
116701	TTGATATTCT	TCTATAGTTT	AAAAATATCAG	CTGTAATGTAT	GTACATGGTA
116751	TACAGCTTAC	ATATCATACA	ACCAACCATT	TATATAATAA	ATTTGGTGAT
116801	TTCTACTATA	GAGTTGTTTA	TACACACAGT	TAATTTGTAA	ACATTAATCT
116851	CTCATACCTT	TTGACAAGTT	CTCTAGGGGT	ATACTCTACT	TCTAGCCCAT
116901	CACCTATGTT	CTGCCTGTCT	AGACCTGCCT	ACTCTGAACA	TTTCATATAA
116951	TGCGAAGTAT	TCAACATCTA	GCCTTTTGTG	TTCTCCTGTC	CTTACACAGG
117001	TTGGGTGACAC	TGTAATCTGA	TAGTAATTCC	ATTTATATGT	CAGTTTAGTG
117051	TTGTTTATAC	TTGTTGAGGA	TTTTGTCAGT	CCATAAAGAA	GTTTTCTTTT
117101	ATGGGTATAT	TACGTCTTCT	TTGGATCTCA	GCAACTATCC	TCCTAGAACA
117151	AGTCGAGAGG	CAGTCCCTGC	TTTTTATACCT	TTTGTGAGTT	TCTGAGGAAC
117201	TAATATTAAT	TATATTATT	TAAACATCT	GTGCAAACCT	TTAGGACCTT
117251	TTTAAAAAAA	TCTGTAGATA	ATTCTAAAT	TATTGATTGT	AAATAGAGAT
117301	TACTGTCAAT	CAACTATTGT	AAGGCCAACA	CATTAAGAAA	TAAGTCCAGT
117351	GAGAGACAG	TTTGTACTCT	ATGGCTCCCA	AGAGGACCAA	ACGGTGGGGA
117401	AACATCAAAG	GCCACAAGGG	GAAATATCAA	GGCAGGCAGG	GACTAAAGGG
117451	GTCAAGGGGA	AAACAGGGGC	ACGAGGCITT	AGTGTAGTCT	CTGAGGGATG
117501	CATATGTGTT	ACTTGGAGCA	GTCAACACTG	TCTTCCCCTC	TACCTCCTCC
117551	CCTCCTCTTC	TTTAAATGA	TTTTATTATG	ATGTGTGTGT	GTGTGTGTGT
117601	GTGCATGCAT	GGCACGTCAC	ACACTCACAG	TTCAGATGAC	CTCAGCTGTC
117651	TCCTTCCATC	ATGTGGGTTC	CCAACATGAA	ACTCAGGTCC	GCAGGCTTGA
117701	CTGCGAGTAC	CTGTGTCTAT	TGAACCATCT	TGGCAACCCT	CTTCTCTTCC
117751	TAGCGCAATGA	GTAACCTTAA	AAATAGATTCC	TATCTGAGGC	AAGTCATACA
117801	ATCTCACAAAT	TTCACTCCAA	AGGGCTCTCC	CTGCACGTTT	CCGCCTCTTC
117851	CTCAAACGCC	ATCACGCCAA	TTGTATTGGC	TCTCTGTGTA	TTGGCCTTTC
117901	CATGTGTTTG	CCTATGAATT	TACACACACA	CACACACACA	CACACACAGA
117951	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GACAGAGACA
118001	GAGACAGAGA	CAGACAGAGA	GACAGAGACA	GGGAGGAGGC	AGACTTGGTT
118051	GCAACCTTAC	ATCAGTGAGG	ATCAATAATG	ACGGACAATT	TTACCATCCT
118101	ATTTTGACGA	ACATGTAGAC	TGCCACCCCA	AGCTTTTAAAG	AGGAGTTACG
118151	GAGTTAAAT	GCTCTTGACA	TGAAACTGCT	TTCTAAGAAG	TGGGGCCAGT
118201	CTACTTTCCC	AGGAGGCATG	CGTAAGAATG	CCTAATAACA	CAGTATGTGG
118251	AGCGTGTTAG	TTCTAATTTG	CATTTTATA	TTACTTTGAG	ACTCGGCAGT
118301	TTTTCTTCTG	TCTCTGTACA	GAACCTTGAC	TAATGCCACA	TTTACTAGAC
118351	AATTGTGTTT	TCTTCTTGGA	TTATGACATG	GTGCGCCTTT	TGCTGGCCTTT
118401	CCAATAAGTT	CTACTTTTGT	GTTGCCACAC	TTATTTGTCAT	GAATAATATG
118451	TCATGTCTAT	TTTCTTTTCA	TAGTTTCAAT	TAAAAATATT	CTTTCGTATT
118501	TCCTTCATGC	ATTTAATTTT	TAATTTTTCT	GTCTGCAGAC	ACCAGAAAGA
118551	GTGTGCGGAG	TCCTAAGACT	GGAGCTGCAG	ACAGTTGTAA	GCTGCCACGT
118601	GGGTTCTGAG	AATCAAACCT	AGCAGACCGT	TCTCTTAACT	GCTGATCCAT
118651	CTCTCGAGCC	CCTGAGCATT	TAATTTTTGT	ACACGGATT	TGATAGACTT
118701	TTTTTCACATG	GAGCTGCAGA	GATGGTTTCA	TGGTTAAGAG	CACCAATATG
118751	TCTTCTAGAG	GTCTGAGTT	CAAAATCCAG	CAACCACATG	GTGGCTCACA
118801	GCCATCTGTA	ATGGGATCTG	ATGCCCTTGG	CTGGTGTGTC	TGAAGAGAGC
118851	AATTGTGTAC	TCATATACAT	AAAAATAATA	AATAAATCTT	ATTAATAACA
118901	ATAACCAAGT	GTCATGTTAA	TAAAAAACAC	CCCAATTCAT	CTCTCTCTCT
118951	CTCCCTCTCT	CTCTCATTTT	TTTTTCAAGA	TAGGATTTPCA	CTGTGGAGGC
119001	TTATCCTGGA	ACTCATTCCTG	TAGACCAGGC	TGGCCTCAGA	CTCAATAGAG

119051	ATCCACCTAG	CCATGTACTT	TTTTTTT	TTTTTTT	ATCAGATAAA
119101	TTCCAGGTA	GCTTAACACA	GAAACAACTT	TGTAAGATTG	CTTGAGAGAA
119151	CAAGGAAGGA	CAGATCGGGG	AGTTTGGCAT	CACTGACTCC	AGGGATGGAA
119201	CAGGCACCCC	TGGGAGGAGT	TTTGAGAGAC	CTGGTCTTC	TCACTCCAGG
119251	TTTACAGCCA	TTCCTTGTGC	CTCTGGGCGG	AGGGTGACCA	GTTGGTGAAA
119301	ATAGTGGT	AATGCACACT	TAATTCTTGT	GCGCGTGTAG	GGGCACCTGT
119351	GTGTCTATGT	GTGTGTGGTG	TGCATGTCTG	TATGTATGTT	CCCATGTTTG
119401	TGTGTACCTA	TGTGTGTGTA	TGTACCTGTG	TGCATGTATA	TGGAAGTCCA
119451	ACACTGATGC	TGGGTGCCTG	CTTTAAGCAC	TCTCTGCTAT	AATATATCAAG
119501	GCAGAACTCA	CAGATTTTAG	ATACTCCAAT	GAGCCGGGGA	GTCTCCTGTC
119551	TCTGCTTCCT	TCATCCCTCA	TACCGGGATC	GCAGTTGAAG	CTTTACACGG
119601	GTA CTGCAA	TTGAAAAACA	CCAGTTCTCA	CACTTGCAG	GAAAGTGT
119651	CATCCGTTGA	GCCAACTCCC	CAGTCCCCT	ACTTATTTCT	TGACAAATAGT
119701	TACAATATCT	GGAATATCTA	GGGTAAAATA	TCATGTACTA	ATTAGATACC
119751	TGTCTAACAA	AATACCCAGT	TAATTTATCA	AAGCTAAATT	ATTTTGGCTT
119801	GCAGTTTGG	AGCTGCCGGT	CCATGGTGT	TTGGCTCTTG	TTTGGAGCC
119851	TGTGGTGAGG	CAGTAGTGTA	GTCAGCAGTG	TGATAGGAAG	CTAAAAACAG
119901	GAAGAGGAGG	GGCCTGGGAC	CTGCAGTCCC	CCTTTGAGGG	CACAGAAGCT
119951	AAAAACAGGA	AGAGGAGGGG	CCTGGGACCT	GCAGTCCCCT	TTGAGGGCAC
120001	AGAAGCTAAA	AACAGGAAGA	GGAGGGGCT	GGGGCCCCGA	GTCCCCTTTG
120051	AGGGCACCCC	CCCCCCCCC	CGATGATCTA	AAGACTTCAT	GTTGTGCCCT
120101	AGATAGGCCA	ACCATAAAAG	TCTCCACCAT	ATTCCTAGTG	TTGCCCAGAA
120151	GGGTAAAGAT	CTAACGTATG	AGCATCTGGA	GAGCATTGGA	GACCAGAACT
120201	GCATCAGATC	TTACTGTCCC	TGGGCTTCAG	TCCTATCATC	TGGAAAATGG
120251	GACCAAGCCT	CAGATCGCAG	TTGTTTGAAA	CACCGGGAGA	TAATATATAG
120301	ACAGTGTCAA	GCATGCTATC	TGGCCACAG	TTGGAGTTT	TTCCCCCTTA
120351	GGCAGGTCT	CACCAGTTAA	CTCTGGATGT	CCTGGAACCT	TCTATGTAGA
120401	CCAGATTGG	CTCAAACCTCA	CAGAAATCTG	CCTGCCTCTG	CCTCCTGAAC
120451	TCTCCACACC	CGGCCTCCAT	AGTTGGCGTT	TAATAAACTA	TAGTTAATTC
120501	CCCTATTTCT	CAATCAGTTT	TAATTTCCCA	GGAAATCAT	CATATTCGAA
120551	AGAGGAATGA	ATAGTAQCAA	TTTCCCAGGA	ACTCGAATAA	ACTTTACACT
120601	TCATGTGT	GTTTTCCAAG	TCTGAAATTC	ATGCATAGCT	GAGATTGAGC
120651	TTTTCTTTCA	CCCAGTTCTT	CTACGTGCAC	GTCCAAGCTT	TTGTGTTTGC
120701	TAAATGGTCT	CACGTCACT	CCTGCCCTGTG	TCCTAGAGTC	CAGGCAGAAG
120751	GTGAAGGAAG	CACCCGCTCT	GTAGTAGCAT	CCATAGCGTT	CACCCCTCTCT
120801	GTAGGAACGT	TCATAGCATC	CCTAGCTTCC	AGCCTGGCCC	GGTTGCTGGT
120851	GCGTTTTTCAT	TATTATTGGC	TTGTACCACT	TACTCCTTTA	CCTTTCCTTT
120901	GCTCTACCTC	CCCACGCCAC	TCCCTGCCGC	CCCCACAAAC	AGCTGCTATT
120951	GTTGGCTGCT	CCCAGGATTA	TTCTTGTGAA	CACTGGGAAT	GGCCAAAGTC
121001	TTCCAGCTG	GCTCCTGGCT	TTTTTTTTTT	TTTTTTTTTT	TTTTTTTTTT
121051	TCCTTTCCCA	AAACTGAAAA	GTTTTACAGT	CTCTGGTTT	TCACATCAGC
121101	TGTGCTGTCT	GCATTAGAGA	CAGTCTGGG	GCATGCTCAA	GGCTCTGTGA
121151	GTCAGCCCCCT	CCCTTTTAAT	CGTGCCTTTA	AAAAGGGACA	GAGAGTTCAA
121201	ACTCCTAAGA	CAGAAATCAC	TTAGTTCCCT	TCTGCTACTC	CATCTCTGGG
121251	CCTTGATGTG	TCTTAAATCC	ATGGGGTTTA	CTCTGTACCA	GAGTAGGGAG
121301	TTTGAGGCTA	GCCTAGCTAG	ATGAACAGTG	TGCAGTTGTT	TTCTAAGTTA
121351	TCTTCTGTTT	TTATTTGTGT	TGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
121401	GTGTGTGTGT	GTGAATAATT	CTTAAGGAGT	TCCAGACTTT	TGAAAAAATA
121451	TCACTGACAA	AAAAAACCTC	AAAATGACAT	CAACAGCAAA	AAAGTTGGAG
121501	AAGTGACATA	CTCTTAGTAA	CATTCATTT	TGCTCTGAGT	AAAAGATGAG
121551	GGCCGGGTAT	CATCTTTGAT	TGGTACAGTG	TGGGAGGAGA	GCAGTTTACA
121601	TCAAACTGA	GAAGGAGATA	ATCCTAGAAG	AAAGGAACAT	GCTTCAAGCA
121651	GAAGGCATT	AGAATAGGAA	CTAGCTGTTT	GGTGTTTCTT	CCTGGCTGTA
121701	TCCAAGACTA	CTGAAAAGCT	CTAACAAGCC	TCCCTCTGAG	TGAAGAGCTC
121751	GCTCTACATC	CTCCTCCCAG	TTTACTGTGA	GCTGTCTTTT	CTGATGCTGT
121801	CTTTTATTGGG	TCAAGGTTGT	CTCTATCCAG	TACTCTCCCC	TGTCATTTCA
121851	GCTATGTTTA	CAGATCTTTC	TCCCTGGCAA	GGCAACAGTG	CCACTTGAGA
121901	GAGCCTGGGC	CATCAATCT	GTTAGCCTGC	GTGTCACAGG	AGCTGGTGGT
121951	GGCAAGGGCA	ACCGCAGCAG	CAGCTGGGAG	CTCCGAAAGA	ACAGCCAGCT
122001	GCTCATGTC	ATTCAGGGC	TGGCTCATCA	TTTATCAGGC	AAAGGGGAGC
122051	CTTGATGCC	TCCCTGCCTC	ATCCCTGTCC	TGCTCCTGAC	GCAGGTGGAG
122101	GGGACCCAGC	ACCTTTCATC	TCTGTGCCAT	TTGTCTTATT	CTCTCCAGGG

122151	ATGCTTTGTGTC	AGGTCTTTGT	ATCAGACGTG	GCCCAATGTC	ACACACAAAA
122201	TGCAGGTCCA	CACAGAGGGG	TTCCTCTCT	GGCTTTCCTT	GGCTCTCTCT
122251	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTTTCTCTCT
122301	CTCTGCTGAG	TTTTCATAAC	TAAGATAACC	TGCAACTCTA	AGTAGTCAAG
122351	GTTGCCCTCA	AATTCCTGAT	TAACCTACCT	CTACTCCCCA	AATTCAGGA
122401	TTACAGGTGT	GTACCACCAC	CCCAGCTTTT	TGTTGCTGTT	TTGAGGCAGG
122451	ATCTCATATA	GCTCAAGCTA	GTCTCAAAC	CCCTATGTAG	CCCAGGTGT
122501	CCTTGAGATG	CTAGTCCTAC	TTTCTCTTCC	CAAAACCCTG	GATTACAGGA
122551	GCTGAGTGAC	CATGCCGGGC	CCAGATTTTC	TTAATCCCAA	CTACAAGGTC
122601	AGCAAAAGCC	AAAGGAAGAA	GAAATGTAG	GTGTACTTGG	ATGTTCCCTC
122651	GCTCCTCCTC	CCCTCCCCCT	CCCTCCCCCT	CCCTTCCCTC	CCCTCCTTTA
122701	TCCTTCCCTT	CCTTCCCTTC	TCTTTCCCTT	CCTTTCCCTT	CCCTTTCCTT
122751	CCTTCTCTTC	CATTCCCCTC	CCTCCCCCTC	TTTCCCTTCT	ATAATCTTTT
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122851	TTTTCATTTT	TTCCCTTTAT	CTTTCTTTAC	CTTTCCCTTT	CCTTTCTTTT
122901	TTTCCCATTT	CATTATTTAT	TTCTCCTTTT	TTTCTCCTTA	CCTTATTTTT
122951	ATCCCTCTCT	CTTTTCATTT	TCTTTCTCTA	TTTCTCTCCT	TTTTTAATTC
123001	TTTTTTCTTT	CCTTTCTATC	GATTTTTCCT	TTTTTTACTC	CTATATTAAG
123051	ATTCTTACTT	AATTTAATCT	CTTTTCGTTT	CTTCAAATTT	ATACCTCCTC
123101	ATTTTCTTGT	CATACTATCT	CCTTATTTCT	CTTATATATT	CCTTTTATAT
123151	CTTCACTATT	CTACGTGCTT	TGCGTTACTT	TAGTTACGTT	TTCCCCATTT
123201	CCTCTCATTC	TTTCTCTTTT	ACTCTTATCT	CTCTTGTCTT	TCCTATATGT
123251	TTTTTACTTA	CATTTTACTT	TCTTTCTTCT	CTTGTAGCGA	TTCTCCATTT
123301	TGGCTCTTTT	TGTCATATTT	CTTTCAATTT	GGCATTCCTT	ATGATTTTTA
123351	CTCTTCTGTC	ACTCAACATG	TTAATTATTT	TTAGTCCTTC	TTGTTTCTCT
123401	TGATATGCAT	CTCCCTCTTC	TCTTCTCTCT	CATCATTGCT	ATGAATCTTT
123451	TTCTACCTXX	XXXXXXXXXX	XXXXXXXXXX	CGGGCGTGCG	TGCGCGTGCG
123501	GTGGCGTGCG	CGGTGCTTGG	GCGCGTGCGT	GTCGTGCGCG	GGCCGCTCCT
123551	TGCGGTGCGG	GTGTGCGCGC	CGTGGCGCGC	GTTGAGGCGG	GTTCGTTCGC
123601	CGGTGCGTCC	GCGCCCGCTC	CGGTGCTATG	GTGCGCACCC	TGCCCGTCCC
123651	GTTTTCTATC	CGTGGCGGGG	GCGTGGGTCC	CCGTCCCGTG	TGCGCTGTCT
123701	CTCCCGTGCG	CGGTCCCTTC	CCTCCTGTCT	TTCTCTCTCC	GTTCTGTGAC
123751	CTTTCTCTCT	CCCTCCCTTC	CTCATTTCCC	CTCCCCATCC	CCTCCTTTCT
123801	CCTCCCTCTC	AGCCCTCCCC	CTCTCTCCCC	TCCCCCTCCT	TGCGAGTTCT
123851	TTCTAAGAAC	TGCTGGTTTC	ACAGTGTCTT	TCTCTCTTAT	TCCAGAAAGC
123901	AATCAATCAA	ATCAACCACA	CACACCAGGG	GTCAGGACTT	TAATCTCCCC
123951	CACAGAGGTT	ACTGAATATA	ATGGTGTGGA	AAGAGAAGCC	AGTTTGTGAA
124001	TCTGGAAGGT	ACCATTCAGG	CCGTGACTCC	TCTTGCTGCC	TGGGGACTTG
124051	GACAAATGAG	AATAAAAGTA	TTAAGAGAAG	CCTCATGGGA	GTAATGTAA
124101	AATTAATGAA	GATTATGAAA	ATGCTATGAA	ACCTTTTATA	AAAAATTCAC
124151	TTCTTAGTCT	CTTTTAGGGG	TTCTAAAGAC	TAGAAATGTC	CACGAGATAG
124201	CAAAGCCACC	GGATCCCCTT	AACCAAGTCT	CATGAATTTT	TTCTCCTAAC
124251	AACAGTTCCT	TCTGGAGTTC	AGGCTTTAGT	TCTTACTCAT	GTGTGCACAC
124301	AAGGAAGCTA	AGGTTTCCTG	GCCTTAGGTA	GACACTACAC	CCACAGAGAC
124351	TCACCTACGG	GATTTTAACC	AGAACTGAAA	CAAGGACAGC	AATGGAAATG
124401	CTAATGTAGA	CAGGGAAAGC	CTCATCGCTA	CACAAAGAGC	TACAGACAAG
124451	GGAGGAGAGC	AGAGAGAGCC	GAGAGGCAGA	GAGAGAGCCT	TCTCCAGGGA
124501	GGAGCGCGCT	GACTGCTTGT	CCAGGACCAG	CCCTGAAACC	ATCAGACAAA
124551	TGCATGCATT	TGGGAAGGAG	GACTATTGGT	ATATGATGTA	ATTATCTTGT
124601	GATCTCGAAA	GCTAAGAGAA	GTACTTTTAA	AATGATTTTC	TAGTCATTTA
124651	AAAAAAGAG	ATCTTATTTT	TATATTAAAGT	GTGTCTCCAC	GTGCACGTGA
124701	GTGCAGGTGC	CTTCTGAGGC	CAGAGATAGA	GTATCTCCCT	AGAGCTGGAG
124751	ACCCAGATGG	TTGGGAGCCA	TCTGGTGGCG	GTGCTGGGAA	TGGAACCTCG
124801	GTCTCTGCA	AGATCAGTCC	ATACTCTTAA	CCACTGAGCC	ACCTCACCAG
124851	CCCCCTCTAG	TCGTTTTTTT	CATCGATGAA	GAGCTATGTG	ACTGAAGTAA
124901	GGCAAATGGA	TCGTGGAAGT	AGGTAGTATA	TATCTCTTAA	TGGGTCTGGA
124951	TAAATTAATA	CCCCCAAACC	TACTACGGAA	CATCATAGTT	TGGTAACACA
125001	AAATTTCTGGA	GTACTGGTTG	CTGACTTCTG	TGATAGCATG	CTTTCTCTGT
125051	ACCAAGAGAC	CCCAGGATGC	TTTTATACCC	CACATTGCTG	GCCAAGGAAA
125101	AGAACAAATT	TTGAAAAAAA	GAACAAATTT	TGAAAAAGGT	AGCACACTTC
125151	CCATTGAATG	TGTCCTTTT	ATCCCAACAT	GAAGTTGAGC	CATGGTGGAG
125201	CGATTTGCAA	TACCTTTTGG	TTGTTTGCAT	GCTGGTGCAG	GAAAGTACCA

125251	TGTATGACAA	ACAAAACAGA	AGCCTGTCCC	CCCCCCCCC	CCAAGTGTGC
125301	TTGTTTGTG	TATGTATCCC	TTTCTGCCTG	CCGGAAGTGG	TACCTTCCCC
125351	TCAGCGGTGA	AGTATTCCTG	GCTGATTTC	GGACTCAGCT	CTGTACACCT
125401	TCAGAGAACG	GCGGCTCATA	CPTAGGGTTA	AATCTTGTG	CCATACCTT
125451	AACACAATCT	AAATATGCTT	CCTTTGAAAA	GCAACAGTT	TTACCTGCA
125501	AAGATCATAG	ATGTTCAAAA	TGACTCCTAA	GGTTTGGATA	TGGTTGCAGT
125551	GTGTTCCCCA	AGAGGATGTA	GGCTGGGAGC	GGTAACCAGA	GAAGATCCTC
125601	CTAAGCAGAA	GCCCCTTCCT	CTGGCTTTCT	GTCTTGCCGT	GTGATTTTTT
125651	TTTCTTCACC	TTGTGCCATC	ACTGTGATGA	CGTTTGCCTG	AGGGCCTCTT
125701	GAGGGCTGAG	GTAATTCTAG	TGTTATACCC	TTCTTTTTTT	TTTTTTTTTT
125751	CCTTCCTTAA	GTAATTGGC	CTCGCACAA	CTGGTGACCG	CTGTCACCGC
125801	TAAGGAAAT	GTGGCAGGTT	GGGGGTACC	TCAAAGTTCG	GCCGCGAGCT
125851	TGTCCTGGCG	AGTGAGAAGT	TACTCCCGCA	CCGCCCTCTA	TGGCTGCTG
125901	GGGTGTCCCC	TCCACTCTCA	TACCCGACGC	TTATCAATTC	TGGGCAGAAC
125951	CATCCTCCGT	CCGTAGCAAG	TATGACCGAG	GTCTGCGCGG	ACCCGGTGTC
126001	AGGCTCTCTA	AGATGCCTGT	GGTCTATCCT	AATCTGCCCC	TGCCCTCCTC
126051	CTTATATGCC	TCAGGCTCAG	GGTGGCTCTC	CTTGAGACCA	TGGCATTCTG
126101	TTCGACTTTG	ATGCCTTCTA	CCAGGCGCAC	CACGGACACC	AGCTACCTAG
126151	AGATGTCCGT	CTGTCAGCCT	TGGGGGAAGG	CCTTCACGAA	AAGCAGGAGA
126201	ACCAGACCAG	CAAAAAGTCA	TCCTTTCCTT	TTCTTCCTCT	TGTCTGCTTT
126251	CGTATTTAGT	CGGAGAAAAG	GAGGGAAACG	GATCTGGCCC	AAGAAACCCA
126301	ACTTTTCTGG	CCTTGAACCT	TGGTCTAAGA	TTGAATTGAC	TACCTCTGGT
126351	GGGGTTCTCT	TGACCCCTCT	AATACCCCTC	AGCCTGGCAG	GTGATCAACA
126401	TGTCTCTCTT	GTATGGTCCA	GAAAAGACTC	TTATCAGCGG	CCAAGAACGA
126451	GGCCCCAGGA	TAAAGATTCC	TGAAAACCAG	AAATTTAAGT	GCTTTCCAGA
126501	GTCCCTGAGT	GGCTGTTTAT	TTCTAAAAGT	TCCCTTCCAG	ATGCCAATCC
126551	CCGAAATACT	TGCTGGGGTC	TTATCCAGAA	GTCTTGAGCA	AGATTCGCCC
126601	TGTCCCCGGA	ACAAGTCTGT	GTAATGGGTA	CCTCTGTAAC	CTCTGAGCCG
126651	TGAGACTAGA	TTTGGTTGTC	CGAAGCCAAT	AAGATTTTAT	TCTTAAGGGC
126701	TTGCATGGAA	TTTGTTTTTT	TGTCTTATCA	CAAGCCACAG	GTAAGACTCG
126751	ATCAATGATC	CAATAGGTAA	CGGGGATGCA	GCTTGCAGGG	GGTGGTTCTG
126801	ATGCTAAGGC	CCTGTTCCCA	GTGCCTCAGT	GAAGGAAGGC	AAGCCTGCAA
126851	AAGGCACTGG	GTTTGAAACC	CAGCTTTTTT	GTCTTTGTGT	CCCCCTTCCC
126901	CACTAAGAAA	ATAAGTTAGC	GAGAGATGCC	AATTTCCCCC	CTCTGGTCTG
126951	TTCCATGTCA	TTTCTGTGTC	GTGGGTTTGA	GAAAACAAAG	CCCTTAAGGA
127001	TGACGAATAC	ATTCCTGTGT	CAAAATTTAC	CCAGGGGAGT	GGCCTTGGGG
127051	AAAGGTGCTG	TGTGAGCCTA	ACAGCAGGAG	GTGATTTGTC	CTCCTAAGGT
127101	CTGTCCCCAT	TACTCAGATT	CTACTCCAGT	GGTGGCATAG	AGTGATATTA
127151	CTGAGGCCCG	GTTTATCTTG	GAACCGAGTT	CCTGTCTTGT	GTCTTTTCTA
127201	TCACCGCCCA	CTTGCAATTG	TAAAGAGTGA	GTGACAAGAC	TTGGAGGTTG
127251	AGTTCCCGAG	TGTGGTCCGT	GCATCCGCAG	TGTTGATCAC	GAGCACCAGC
127301	AGTCAAATCC	TTCCAACGAG	GCTGTGGGAC	TGTGTGAGTA	ATTTGGGCCCT
127351	AGATGAAGCA	GGAGGCTCAC	TGGTCAAGGT	ACAGATGAAA	TGTAGGCCTG
127401	TAATCCAGCG	GGGCTGTGGC	TGGGGCATTT	TGATGGACTA	CATAGCAAGG
127451	CTGTCTTTAA	AAGGATACAG	AATGCCGCCC	AGGGCCTTGT	GTAAAGCCAA
127501	GAAACCACAG	ACCCGCAGCA	GAGCTCAGGC	TGTAGCTCAG	TGTAGAGAAC
127551	GCATGCCCTC	AACACACAAA	TCTCTGGGTT	CTACCCCCAG	CACCCCATAA
127601	ACCAGGCTTC	ATGACGCTGT	GACCTCTGCA	TGCTTTTGAA	ACAGTATCAA
127651	TTATGTGTCA	CCGACTGGCC	TAGAACTTTT	CATCCTTTGC	CTCAGTCTCC
127701	TGAGTGCTAG	GACCTCAGGC	ATGGGCCACA	GCCCCACAGG	GATAGAGGAC
127751	GATTTTGGGA	GGACTGCCAC	CAAGTGTTTT	CCTTGGTAAC	ATTTACACTT
127801	CCCCAGCTCC	CAAGATTTTA	CAGAGTTTTT	TGTCCTGGCA	AGAAGAGTAA
127851	ACTTGGCCAT	GAACGTTAGC	CCTGTCTTCT	GGGGCTATTC	CCCCACCCCT
127901	GGCAGTGGAG	GGCGCGGCTG	CAGAGATGAT	TACAAGCACA	GAGGAAGGCT
127951	GCAGAGCAGC	GGGTGTGAGT	CTCAGTCAGG	AAGACAGGAG	GCAAGGACGC
128001	ACGCATCTGG	CGAGCCCTTC	TTGCCAGACT	GCTAAAATAG	GTAAACTGAG
128051	TAAAATGCCA	CCTTTGATGG	TCACGGTGT	GATACAACCC	GATCCCTTCC
128101	TTCTTAACTC	CTTCCACAT	TCTGGCAGGT	CATCCACACG	GTGCATCTTT
128151	GGCTCTGTG	ACGGTTCCAG	TGTGACTCGA	GACAGGACGT	GACAGTCTCT
128201	GTATAATCCC	AGCATGTAGC	AGGCAGAGGC	AGGAAGGTCT	CCAGCTTAAG
128251	GCCTGCCTAG	GCTATTTATT	CAGTGAGACC	CTGCTCCAAG	AAAGGTAGAA
128301	CTGGCTATGG	TGCTCCACAC	TTGTAATCCC	AGCGCTGGGG	AAGCAGAAAC

128351	AGGAGGATCG	CCCTCAGGGT	GGTGCACCAG	CTGGGTCTGC	ATAGTGAGTT
128401	AAGTGCCAGC	TGGGGCTGTA	TAGT'GAGGCC	CTGTATCAAA	CAGAGAAAAG
128451	GGGAAGGGGT	GGACCTATGA	AGCGGCTCAG	TGCGTTACGG	AGTTTGTCTT
128501	GTCTCTAAGC	CTAACAATCT	GAGATCTATC	TCTGGAACCT	ACACGGTAGG
128551	AGGAGAGAAC	TTACTCCCAA	AGTTTTCTCT	TAACCCCTGC	ATAAGCATCC
128601	TGTGCTGTGC	ATGTGAAACC	CCA'ACCTCC	CACTAGACAA	AATAAGAAA
128651	TGTAAATAAG	TAAAAATAAA	TAGTGTAAAT	ACATTTTACA	AAGTTATTTG
128701	GCCTCAAGTA	T'TTTGTTGTA	GTAAC'ATTG	CTTAATTGCT	TGCTACAGTT
128751	GACTAACACA	TTGCTACAAA	GT'TTGGAAG	TTCAAAAAAA	CCACCCCCAC
128801	AATCTCCCAT	TATTCATCA	TCCAAGGGGA	ACACATATTT	TCATACGCAT
128851	AATTTAGCTT	TCCAAATTTT	CATTTTGTAT	TTGCTCTTGC	CTTAGACATC
128901	ATGAAGGATT	TCCCAGTTAC	CTCCAGGAGA	CTGT'AAAATG	AAGTATGTAA
128951	GAGCTTGAAG	GATACGCCAT	CGCTAAGCAT	ATCCAATCAT	TAAGCATTCT
129001	TATTATGATT	ATTACTATGA	TTATAGTAAA	ACTATAATGA	AACCTTCCCT
129051	GTGGTGTGAT	TC'GAGATGA	ACATCTGTGA	ATGCAAATCT	TTGCCCCACAT
129101	CTCTGATTAT	TTATATTTTG	AAGATTTTCT	TGTTTTGTTT	TTGATCATGC
129151	ACACGCACGT	GTGTCTGACT	GTGAGTTTGT	GTATGAGTGT	GGTGCCCTTG
129201	GAGGCCAGAG	GTGTCAGATC	CTCTTGGTGC	TAGAGTTCCA	GGTAGCCGTG
129251	AGCTCGAGAA	CAGGAGAGCT	GGGTACCAAA	CTCAGGTCTC	CAGCAAGTGC
129301	ATCACTTAAC	TTCTGAACCA	TCTCCCCAGC	TCCTTTATTT	CCTTTAAGAG
129351	GAATCCTTAC	AAGGAAAATT	CCAGAGTCAA	GGGATATGCA	AATGGATCCG
129401	AGGTGAGGAA	GGAGGATGGA	GAACCAAACC	TCTCCAGGAA	GGAAC'TGCC
129451	GGTCGCACCC	AACTCTTCTC	CCTAATGCC'T	CCTGGACAGA	ATTACATCGT
129501	GTACATTATA	GAATCCAGGA	TGTGGCTAAA	GTAGAGAGAC	TACACACACT
129551	CAGCTTGCAA	TTACACAGTT	AGACACCTTT	CTTCTTTT'TT	TAAACTGAAA
129601	AAAAAACATC	TTTTTTTAA	AAATACAATA	TACATTGATA	AATGTTTCCC
129651	CTCCTCCAGT	TTC'TTTTATG	AAAAAC'TTCT	CTAATTTAGG	CGAGTCAGTT
129701	CCTGAGAAGG	CTCAGTGGGT	AAAGGTCCTT	GCCACCAAAC	TTGATGACAA
129751	GTTTGATCCC	TGTCCTGTGT	GGCTTTGGGA	TGGAAGCTGA	GAAAACTCAT
129801	TTCAGAGACA	GAAGCTTAAA	AATGAAAAC	TTATATTCTG	AACTCTCAGG
129851	AAAGCAGTTA	GTTTGGGTTC	TGAAC'TGTGT	CCCCATAGGG	AGATTGTACA
129901	TTTTCAAAGG	CTGGGAACAC	AAAGTGGCAG	GTGGGGGAAC	AGCTGTGGTG
129951	TTATCCAAC	GTGTTTGTAC	TTATGGGGG	TACCCCTTAG	AGACCGAGCT
130001	GTATCCAGGG	CACCTTCAAG	GTCTTAATF	CATTC'TCCTA	GACAG'GTCT
130051	GGTGCTCAAA	GTGATAAGGG	GACAA'TGGAG	CAGGTCAGCT	GCATGTAGTT
130101	AACTATCACA	TAACAGGCAA	TAGGTTATGT	ATTTTTATAA	CTTATGCACC
130151	TTTGTTTAGA	TAACAGCAAT	TTCTCTACTC	TCTACCGGTT	AACAGACAAC
130201	TAAGAGGTGG	GATAGGTGCT	CATTCCFAGG	CCTGGCAACA	TGAAC'TGTT
130251	TAACCTTGCC	AGCAAGATGG	ACAAGGTGTC	CTTGAAATGT	CTGGACTCAG
130301	ACAAC'TGCC	CCTTACAAGT	TG'TCCCTGAG	ATGTCTGGAC	TCAGATAACA
130351	GTTTACAGCA	GAAGCTGTTC	AGCTAT'TGGG	AAGTGCCAG	CTCCTCTAGG
130401	ACCGGGACCT	TGAATTTAAT	TTCTCCCCAT	GA'TTTAATGG	AGTCTGAAAA
130451	CTTAATGGTA	GTACTTAAAG	TTTCTTCTTT	TGCTTGTTC	CACACAGCCC
130501	CGTGGTGGAA	ACACAGAAC'T	GACTCCTCAA	AGTTGTCCCT	CCACTTCCAT
130551	TTAAGTGCTG	TGATACACGC	ATGCCCTTCC	CCTTAAAAAA	TGTAATTGAA
130601	ATTTT'TAGCT	TGATGGGAGA	CAAACTACTT	CTCAGCCACT	CTTGT'TTACA
130651	GTCTGGGATT	ACTGATGGAC	ACAACAT'TTC	CTCCCCAAGT	CTCCACGGGC
130701	CGTTGCATTT	CTTCTATGGT	TTGTTGAGTT	ATGACTCAAA	TATGATGCAT
130751	CATGACT'TTC	AAAAGTATTT	ATTTTTTTTA	AGCCTATGAA	ACTTCAAAC
130801	GCATCATCCA	GGCAGCCCAA	AGGAAGGACT	CTTTTTTTT'T	TTTTTATAAT
130851	TTATTTATTG	ATTATAATTA	AGTACACTGT	AGCTGTCTTC	AGACACCAGA
130901	AGAGGGCATC	AGATCTCAT	ACAGATGGTT	GTGAGCCACC	ATGTGGTTGC
130951	TGGGAT'TTGA	ACTCTGGACC	T'TAGGAAGAG	CAGTTGGGTG	CTCTTACCCA
131001	CTGAGCCATC	TCACCAGCCC	CAAGGAAGGA	CTCTTTACAT	GAGTGGATGT
131051	T'TGTGTTTTC	ATACGACCAC	ACATAACTCA	GAGTGTGTTT	TCTAGTAATA
131101	AGAATAAAATG	GAATAGCAGT	TCCAAACAGA	GCCAGCCTCA	AGGGACTAAA
131151	AGGTTTCTGGA	GAAC'TGACAG	GGTAGCCCA	AAACAGAAAT	TAAAAC'TTTT
131201	TAAGGGTTTCG	CCATGCGTTG	CCCAAACCCA	GCCTTCC'TCT	CTGTGCTTCA
131251	GAGCATTTTTT	TATTGGCCAG	TTTTGTGATA	ACCTTTGCAA	TCCCATCTTT
131301	TTTGAAACTG	AAGAGGAAGA	ATGAAACCCA	TCACTGCATA	AACCAGAAC
131351	CAGACATTAA	TTAGAGAGTT	GTCCGCTTGG	GCTTTTGTTA	ATGAGCCCTT
131401	GTATAATCAT	CGCCCAGTTT	TCACCAAGTC	TGAGGTCTCA	GTTAGGAGAA

131451	ATTGCCGTGG	TCTCCCTAAG	AATAAAATTA	TAGAACGCTA	GAGAACACAG
131501	GCAAGAAATG	TCAGT'TTGT	GTTAGAGAAC	TAATATGGGG	AGTCACTGGC
131551	TGGAATCTAG	CATT'TGGTTG	GCTCTCAGTG	AGCCAGAAAA	GCT'TCTCAAG
131601	T'TTTCTT'TGT	GAGGCTCAGG	AGTTCATCTT	CCAGACCCAA	GCGCTTCAAG
131651	TTCTGAATGG	GGAAAGTAGA	CACATTTTFA	CCTCACGATA	ACAATGTTTA
131701	AAACTGTTCC	ATGTTTGGTT	GGTTGGTTGG	TTGGTTGGT'T	GGTTGGTTGG
131751	TTTAGGGATG	GAAATCAACC	ACAGTCTTCC	ATGAAGCCTG	AAATAAGTGA
131801	ATCTGCTCTC	CTT'TTTTATC	TGATTGATGA	TCTTCATCAG	CACAGACAGA
131851	CATCTAGATC	ACGTTTCAGGT	AATAACTGAT	TATGCACTCT	TTGCTCTGTC
131901	AATAACTAAT	TACTTGACTG	TGTTAATATA	ACCAACCTTC	GTGTGCACAG
131951	T'TATACAGAT	TTGGAAGAAC	TGATGGTGTG	ATTAAATTGA	CCTTCACAGT
132001	AATTTATCCG	AGTCACATTC	TTCACAGGTC	ATGCTTGTGA	ATAGGTAGCT
132051	CAAGCAAGCC	CCATCCTCCT	CTT'TTAACCT	TAGGAAGTAC	GTGCATCATA
132101	GGACCCTCCA	ACCCCCAATA	ATTAAACCTT	TGGCATGGCT	TCTGCATAAA
132151	GATATGTGAA	T'TATTACAGG	ACTGTAGATA	GATCACTACC	TTAACTAA'PC
132201	AACTGCAGTT	A'TTAATTAAC	CCCAGGCCAT	CTTAACAGGA	GAACCACCAA
132251	TGGCAAGCTG	ATGAGAGTTA	TGATGTACCT	AGGGT'TAAAA	ATCATTCAIT'
132301	TCTTCTGGCA	TGCATGTATA	TGAAGAGATT	ATAGAAATAT	G'ICAATTCAA
132351	GGAACATATTG	ATTT'TTGCAC	CCCCCAGTCT	CCTACATCCT	ATGATGTTTC
132401	TGACTGCAAG	TAGTAATCTT	CGTTGCTACA	ATCTTGCTTG	TTCATTTAAT
132451	AAAATTTTGT	AAAGT'TAAGC	ATTAAGCTTC	AACTGATGTT	ATAGAC'TGTA
132501	TGGTTATGTC	CTTTGGATCC	CAAAATTCGT	GTGT'TTGAAG	TCCTAAGTTC
132551	CCAATGGAAT	TAGTATTTTG	GAGGCAGGGA	ACTTTTGGGA	AGGTAAT'TTC
132601	TTGCTTAGAC	T'TAAGTTTA'	GGATT'CAAGG	'TTTTTTTCCA	ATTGGTTTTTA
132651	TGGGGTGGTA	GGTTTTGGAA	TACCCCTTTX	XXXXXXXXXX	XXXXXXXXXX
132701	GCTTAGTAAT	GGGCTCCACC	ATCCCAATCT	CATCTCAGGT	TTGCCTTTAC
132751	T'TTCCAAAGG	ACCACCATAC	CACAAACTCC	ACCACAATAC	TCCCAGAAGG
132801	AAGGCCTGAT	AATCACTCTG	TTCTGTTCAA	CCTAACAGGG	TAAAAATCCT
132851	CAAGATGACA	AGTGTTCTGT	TGAGATAACT	GCAAATATAC	TGTCCTCT'IT
132901	CTTCAAAATG	AAAACCTGTG	CTCTTACTCA	TCCAGGTAAG	GGATTACCT'
132951	TGTGATAAAA	CAAACAAACA	AACAAAACAT	AAAAACACCC	ATCACCTCAT
133001	ACAAGCCGCT	GAGTACTACT	TCCACATCCA	GTTGTGGGCT	GGGCAAGTGG
133051	AAGATGCAAA	AGACATTAAC	TGAGGGTCTG	CAGACATGCT	TTGTATGCTG
133101	TAAAGCCACA	GCTTTTTTTT	TTTTTTTTTT	T'TT'TTGGTTT	CGAGACAGGG
133151	CTTCTCTGTG	TAGCC'TTGGC	TCTCTGGGAA	CTAACTCTGT	AGACACAGGT
133201	GGCCTCGAAC	CCAGAAATCC	AC'TGTCTCT	GCCTCCCAAG	TTCTGGGATT
133251	AAAGGCATGT	GCCACTACTG	CCCGGCAAAG	CCACAGCTTT	AAAATACAGT
133301	GTGTCCCCTG	TGAAC'TTAT	AATGCACGGG	AAAGACTAAC	TTGGGAGAAA
133351	AAGAAACGAA	TGTTACAGGT	TACAGGACAG	TATTGCAATT	AGCTGTTAAA
133401	TGATGAAGAT	TCAAGGAAGA	ACCTTTTAAG	AATTTCTGAG	AGGGTTAAGG
133451	AAAAGACACC	ATGCTTATCA	TGTGCCACGC	CCTGCCTACC	CCCCCCCCCC
133501	CCTCCTACCT	TCCCCCCTC	CCCTGTGCAG	CAGGCACTGA	AAAGGCACAC
133551	TCTCTTCCAA	TAGCCATAAC	AGGACCTTGA	AGTCACCACT	GTCATTCTCT
133601	TCAGT'TTCAG	GAGAGGACAG	AAAGTAGAAA	GGT'TAACTAG	CTTGCTCGTA
133651	ACAAATCCAG	GTCTGAGCAA	AATGAATGAG	AGCATTGTAG	AGTGTAACTA
133701	GGGAGAAATC	CTCCCCTGG	GAGCTGCCCC	T'TT'TCCCAGC	CTCTG'I'ITGC
133751	ATTATTTTATA	AACTCAGGGC	TGGATTCCAG	AAAGCATGGT	CCTTAGGGAA
133801	CACAGCTAAC	T'TTCAATTCA	GGCTTAGGAA	CCTTTGTGAA	TACCTGTCTT
133851	TTCAGCCAAC	AGGAAGTCCC	CTGGGACACA	GGTAAAGGAA	GCAGGATTTT
133901	TTTTCATATT	GTCTTTGAAC	AATGAGTCCT	GTGGGGTAAT	GCATGGT'TGT
133951	ACAGAAATAG	ACTGACCCAT	GAAACACAGC	CCTGTT'TTFA	CAGCAGCTGA
134001	ATCACTTCCA	CCCTCCCGTT	NTGTGCCTGT	TTACAT'TTCT	TCCCCAGCTA
134051	TCTT'TCTCCT	TGATTGCA'TT	TGGAACACCC	TGGGGCTCTT	CTGATGAAAT
134101	GTTTCCTTGA	ATTTTATCAC	CTATCCTGTC	GTCTATAAGA	CTTTCCAGGG
134151	TAACAGTTTG	CAATATCATC	CATACACCCT	GACACAATGC	CCCAAGGTCT
134201	AGTCTCACTT	GGGAAAACAT	AAGTATTTT	CATG'ITCAGA	GAAAAGAGAT
134251	AAGACTTGAG	AGGGGAATGG	CCCTTACCA	AATCTAACAA	GGTTAGGGAG
134301	TG'AT'TAGTC	AGGGTTCCT	AGAGTCACAG	AACTTACGGA	TAGTCTCTAG
134351	ATAGTAAAGG	AA'TTTAT'TGA	TGACTTACAG	TCGGCAGCCC	AATTCCCCAAC
134401	AA'TGGTTCAG	T'CGCAGCTGT	GAATGGAAGT	CCAAGGATCT	AGCAGT'TACT'
134451	CAGTCTCACA	CAGTAAGCAG	GCAAAGGAGC	AAGAGCTAGA	CTCCCTTCTT
134501	CCAATGTCTT	TA'TATTGTCT	CCAGCAGAAG	GTGTAGCCCA	GATTAAAGGT



134551	GTGTTTCCTTA	AACTCGGAGA	TTTAATCTTC	TGGAATCCAT	AGCCACTATG
134601	GCTCAAGATC	TCCATACCAA	GATCCAGATC	AGAAACTTCT	ATCTCCAAGC
134651	CTCCAGATAA	GGGTCAC TGG	TGAGCCTTCC	AAATCTGGAT	TGTAGTTCAT
134701	TCCAAATATA	GTCAAGTTGA	CAACCAGGAA	TAGCCACTAC	AGGGAGTGTC
134751	CTGTGTTCTT	TCATAAGGTG	GTCAGTCTGG	GACAACCACA	ACAGGAGACC
134801	GAAAGGGGGC	TAAACAGAGT	TGGTTTTTTT	TCCAGATTTC	TGGAGACAGA
134851	GGCATAGAAT	GCCACCATTA	CAATGTCACA	CTATTTCCAC	AGTGTAGTTN
134901	TGTGTGTGTG	TATGTGTGTG	TGTGTAGCAT	GTGGGGGTCA	TACCACATAC
134951	TCAAAACTTC	CATTTTGTTF	GAGACAAGGT	CTCTTGTTF	CCTGTTTTAT
135001	TAGGCCAATT	GGCTCATGAG	CATACCAGGG	GTTCTCCAAT	CTCTGCC TGC
135051	CATCCCTCCA	TGGGAGTGT	GGGATTACAG	CTGACCCTAC	AAGTCTAGCT
135101	TTCCCTTTGG	TTCTTGGGAT	TGGAATTTCT	ATCCTCCCAC	TTGTATGGCA
135151	AGTGCTTTTA	CCCCTGAGC	CCTCTCCCTA	ACCCCTGTTT	AGTTTAGTGC
135201	AGCATTTTCA	CTGTTCACA	AACCTGTGGT	ATACACAAAC	ACAAGCCACA
135251	AATTAATAAC	TGAAATTTCT	GTGATTCCAT	ATA TCAGTTA	AATATTTTAA
135301	TATTTGGTATT	ATTTT TTTTAA	ACAAAAGTAC	TATAGAATAT	AAGGAAGAAT
135351	GGAAATATTT	ATGCTAATA	TTTTTAAAGGG	TTTGGGATTA	AACCTCATGC
135401	CTTATGTACG	CTAAATTCTA	CTACTGGACT	ATACCCCTAG	CATAATTTAA
135451	AGGAAAGGAC	TTTCTATTTT	AACATGCTCA	TTTGTGCTGT	TATCTTGCTT
135501	TTTAAATAC	TATTCAGAA	TACTGAATA	AAAAAAAGGA	ATAAAAATA
135551	AAGACATGG	CCACTCCTAG	GTATGGGAGA	GAAGGAGGTT	TATCTAGAT
135601	TAGCAGGAGA	ACA TAGTCAG	AGGCAGAGAC	ATCTGGGAGT	CTCCAGAGTG
135651	AAGATGCTCC	GTACATCCAG	GCCATGTGGT	GGGGAGAGGG	GGGGGAGGAG
135701	AGTGAGGAGA	ATAAAGGGTA	GGCAAAAGAT	GAAATGT AAC	CAAAATGGCT
135751	GGATTATACC	AGAAAGAGGC	AGCTGAGGGG	AAGATCCACC	CAGCTCCAGG
135801	GCTGGAGAAG	TTTAGGGTAG	CAGGTAGGGT	ATGGCAACCA	TTCTCTGTAA
135851	CAGATAGGGA	CTGAGGGATG	CTGGGAGAAT	TTGGTGACCT	CCTTGATGTA
135901	TTAAACAGGT	GCCTTAGTTA	GCCACTCGTC	CCAGGTTTGA	GACCTAACAA
135951	GGACCTGGAT	TTCCCTTTGC	ATTGGGCCCC	ATGAATAATG	TAAGGGCTAC
136001	CTCCTGGCTG	CTACAGCTGT	TCTGTTTAAG	AAAAATTGTC	AGGAAGCACT
136051	GAAGTGGTTG	CCTGGACAGT	GATGATGTCA	GCTTGGCTAT	AGCTCAGGGA
136101	TCCTTAGTTA	GCTGGACAAG	TCTTATTTCA	AGGTGTGTCT	TCGAGGGCAG
136151	TTCTGGCAGA	GATTAGCAT	AAAAATCAGT	AGATTAAATA	CATAAGATAG
136201	TTGTCCGTCA	TAGGGCAAGC	ATCATTC AAC	CCTCAGAGAG	TAGGACCACA
136251	AGATAAAGAT	GGAGGGAGGG	GAAATTCACC	CTTCCTAGCT	GGACCATCCA
136301	TCTTTTTCAGC	CCACAGATAT	CAAAGCTGCT	GTTTCGTAAG	CCTCCGGCT
136351	GCTCTAGGAG	TGACATCACC	TGCTCTTTTG	TCTTTACCAC	CTAAAACCTG
136401	TCTAGTCTGC	CTTAGCTGTA	AAACGAGTGG	TTAGCAGAAT	ATTTCTAATA
136451	GTAGTTGTGA	AGACTGAGAG	TATTGTGGCT	GTTAAATATG	AAGCCGTCAA
136501	TAGGCATTAG	CCATGTCAGT	ATCCCAAAGC	CCTTAGTTCA	CTTGACTCTT
136551	CACGGCTGAA	AGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
136601	TGTACAGCAG	TGAGATAACA	GGAGCTATGC	AGTAAGAATA	TGCTCAGCTA
136651	TTTCTCTGCA	GGAGGCTAGT	CATGAGCTCA	GATCTGTTTC	TCATATTGCC
136701	TGAAAAAGGA	CAGAAAGTCC	ATCTTATATA	AAGTTTGTGA	GACTTTCTAG
136751	GTGTGGTGGT	TTAAATGGGT	TTGGCCCCAT	AGATTTCATG	GTTTGA TGCT
136801	TGACCATAGG	GAACGACACT	AGGGAGGAGG	TATATAGCTT	TATTGGATGA
136851	AGCGCATCAC	TGTGTAAGTG	GGCTTTGAGA	TCTCCTACGC	TCAGGCTCTG
136901	TCCACTGTGG	ATGAGAGCCT	CCTCCTGGCT	GCCTGAGGAA	GGCAGCCCCC
136951	CCTCCACTGC	TTGCAGATCA	AGATGTAGAA	CTCTCGTATC	CTCTAGCACC
137001	TTGTCTGCCT	GTGCTCTGCC	ATGTTTCCTG	CTATGATGAT	AATGGACTAA
137051	ATAAGCCAGC	TTCAACTACA	TGTTTTTCTT	TATAAGAGTT	GCCTTGGTCA
137101	TGTTGTTCTT	TACAGCAATG	AAACCCTGAC	TAAGACTCTG	GGTAACCTGT
137151	GGGGACAAAT	TGAGAGTTTT	TCTTCCTCGT	TTTCTCTTTA	TTCTAACCAT
137201	CACCCATATT	CATTGACCTA	GTTATTACTA	GTTGTCC TAA	AGAGCACATA
137251	GAAAGGGCAA	GGCATTTTAC	TCTTCTGTTT	CTCAGAGATA	AGTGTTTACT
137301	AACTTAAAGA	CACACGTAAA	ACCAATGTCA	TGGTTGTGTG	TTTGTTCCT
137351	TAAGTGAAG	CAGGAAGGAG	ACAAAAGGGT	TGAGAAACCT	GTGTATATGT
137401	GFAAGGGAGG	GGAAATCACT	ACTTAATAAA	GAAGCCTGCC	CGCCACTGTC
137451	CATTGTGCTA	CTCAGAGCAG	CCAAGGTGAG	GAAACCACCC	ATGAGTCCAT
137501	CCATGGACAA	ATGGATCAAG	AAAGTGTGCG	CACACACAAT	GGATTATTAT
137551	TCCACCTTAA	AAAGAAAGGA	CCCCTGGGTT	TGACACAACC	GATGGACCAT
137601	TTGTGACACG	GAGGAAAGGC	AGACACAGAC	ACACCACCCG	TGTGAGACTC



137651	ATAACAACAG	ACAGGACAGG	GTAAAGTCTA	GCTGGACACT	AGCTGCCCAT
137701	GTGAAGTGT	CTTCAGCTGC	CATTTTGAAC	TGGTAAACCA	ATCTGTGGTT
137751	GTGAGTCGGA	AACACGGAGG	AAATGGAGAG	GATTTTCCCT	CCTTCCTTTT
137801	CCTTTTCCCT	TCCCTCCCTT	TCTCCTTCCC	TCCCTCTATT	ACTTTCCCTT
137851	CTTCCCTTCC	CACTTTCCGT	TCTTTTTTCC	TTCCCTCTAT	CTTCATTCCCT
137901	TTTCTCCTCC	TTCTCTACTG	CCTTCTCTTT	CTTCCCTCTCT	GTATAACCCA
137951	CACTGCTCTG	GAACTCATTA	TGTAGCCCAAG	GCTGCCCTTA	GAAGCCATGA
138001	TCCTCCTGCT	TCAGCCTCCT	AAATATTGGAT	TACAAGTACC	TTGTCTGCCT
138051	GAGAGATTCC	TTGAAGTTGG	TTGTTCATATA	AGTCTGTCCG	AGGATTTTCC
138101	CTGTCCAATC	ACGTTAGGGC	AGTGGGAGGC	CCGTGATTGG	ACAGAGAAAA
138151	GGGAGGCAGT	GCTAAGAGTT	GCAGAGAGAG	GAATCTGAGA	GGAGGAGGGA
138201	GAAAGGAAGA	TGGTGGTAGA	CATTAATCTG	TGTGGCTATG	ACCAGCCACA
138251	GGTTGTAAAA	CCATAAGGTT	AGACTAAATG	GGATAAAGCT	TTATCATCAA
138301	TTGTCTCTTA	AATTATTGTA	TGGCATCTTT	ATAAATTTGTG	ATTTTATTGA
138351	TATATAAATC	TGATTTGGTTA	ACTATAAGCT	TAAGAGATTT	GATTTTACCA
138401	GGTGAGTGGG	TAATGTGATT	TCTAACCACA	AGGTTGGTGG	TTCAATTTGA
138451	TTACTGGAAT	GTGGGACACC	TGATGACAGG	GTATTTATAGC	GGAGAGGGAA
138501	CTAGTGGCTC	CCAGGACAAA	CGAACCAAGA	TGTTGCAGGG	GCTAGCTGGA
138551	GAGAGTAGCT	CGGCTGCCAG	AACAGATGGA	GTGGTACCCT	ACTGAGACAA
138601	AGGGCTGTGG	CCTACCAGAG	ACAGTACTAG	AGCAGGAATG	TGGCCCGGCA
138651	GGGCAGGAGA	GTGGCGGGGT	TTATATATAT	ATTTCTTTTCG	TGAAATATAA
138701	GTAAGAGAAA	TTACCAATAG	GAACATGACT	AGGTGAAGTT	GACTGTATGT
138751	CTGAGGATGC	ATCTGTGGCT	TTGGTAGATT	AATGATGGCT	ATGCATCCTT
138801	TGACATTTCT	CTCACTGAGA	AGTAGGACCT	GTTTCTCTCC	TCCTTGGATC
138851	TGGGCTCTGA	CAACTTTAAC	CAGGAGACTG	TGGCTGAAGG	GATTTGGAGG
138901	TTGTAGCATG	AAATATAAAA	AAAATCAATC	CATGCTATCG	CCGGCAAGGC
138951	ACTGGCCTGC	TTTCACTCTCA	TGGAAACTCT	GACCCAGAGC	TCCGAAATCT
139001	CTCCATTTCAG	CTCACTAAGT	TCCCACTGGC	GGGCCATTAC	CATGCTATCC
139051	CATGCTTTTCA	AATTTTCCATG	GCCTTTTGGG	GTGCACTTCT	TGCAACCTTA
139101	CACTTTTGCCA	TTGTACCTTT	AGCCCTGGAA	CCCAGTTGAG	GCGGCTCGTG
139151	AAGGAAAACA	CCACACAAAG	TTCCGAATCA	ACAGGTAAC	CAATTGCCCG
139201	GCGCAGCAAA	TCCTGGCAGA	TCCGCCATCT	AAACTTGGGG	CCTCTTGTTA
139251	GCTACATTCT	GTCCCTCCAAG	CTCTCCCCGT	GGGAACCTAG	CGAGCTGGGT
139301	GGAGAGATTT	TGGAACCTTCA	GGTCAGAGAG	TCTCCACAAG	ATGAGAACAG
139351	GCCAGTGCCT	TGCCTTGCCG	GTGATAGCGT	GGATTGGTTT	TCTTTAATAT
139401	TTACCGCTAC	AGGAAGCCTC	GGGAGGAAAC	AGGTAGCTTG	CACCTGAGGC
139451	TCTTGAAGCT	TTGAAGTTCT	CTGGCAGACA	TTTGTAGTAAC	CTGTTGTAGG
139501	GAGCAGGTGG	AAATGCCGGAG	AAGAGGAAAG	TCCCGCTGAA	TGTAGCCTGT
139551	TAGCTGATCC	TGTTAAGAAG	CAAGGGTAGG	AACAAAACCA	CTGGATGAAT
139601	GCTACCAAAT	AGCCCTAACA	ACAATTGCAT	AATTAATTCC	CTGGCTCAAC
139651	TGATGGCTAA	ACTAGAAAGG	GAGAGCACCC	CTCCTAATTG	TTGCGTGGAT
139701	AGAACCCTCC	TTTTTCTGTT	TGTGCAGTCT	GCGTCTTGAG	GTCATTAAGA
139751	ACAATCAAGG	AGGGTCATAC	ACCACAATGC	CTTCCTGCC	TTGCTTCTTT
139801	CAAACAAGCT	GAATCATTTT	TGCTTCTAGT	TGTGTGGGTG	GGTAAGGTGG
139851	GGGCCTGTTT	GGGCAGAGAC	AATATCAATC	CATATGCCAC	GCTTCCAAGC
139901	ATCTATATTA	CCATTATGTA	GAAGAAAGGA	GAAACACAGA	AACATTTATC
139951	ACTTTTAATG	GCTTGCATCT	TATCCTTATT	AAATCAAACA	CAATTTTGTG
140001	CTTAACCTTC	GTATCCCTCT	TCTGTTCAGA	ACTGTATACT	TCCTGTTTAG
140051	CTGTCAATGCT	GGTTGGACGC	ATGCCCACTC	ATCAGCATAA	AGGACAGGAA
140101	GGGAACCCCT	CTTTTCTGGG	CTAATGGCTG	TATTTACTTT	TTTAAATTA
140151	GATGTAGCCC	AGCCTTTTGG	CAGATTTGTTA	TCAGAAAGAA	CAGCTTAGCA
140201	TCAATTATGC	TAAGACAAAA	ATCATTATAT	TTAGCAGTCA	TTGTCTAGGT
140251	TTTAAAAGGA	CTTTATTA	TAACCCAAAG	TAAAACTTA	GTTTATTCAA
140301	CTACTTGGTG	CATTTGCTGG	TAACATCATCC	TGGCAGAAGC	CCGATGACGC
140351	AATTTGTGCT	GGAGAGAAAT	TCTCAATAGA	ATTTCATAGT	AAGTTCTTTT
140401	GTGGTTCAGTA	TGAGCAATGG	ATAGAAGGAA	TGTTCCGGGA	CTCTTGTGGG
140451	CATGTAAAAAT	TTCTCTCCAT	ATATTTATAT	GATATCAAAT	TCTATGCTTT
140501	TCAAATAGGT	AGCCATATTC	CAAACAGGTT	TATACGTTAT	TTATTTGTCA
140551	CTGAAAAACA	TCCTTCCATT	GGGAGTTGTA	GCTCAGTGAT	AAGAGTGTTT
140601	TACCAGCATA	GGTAAGGTTCC	AGGGTTTAAAG	CCCTGGTAGC	TACTAATACA
140651	AAAGAATAAT	ACTCTGCAAC	CATTGAGTTG	ACTGTGTATC	TTAGTTTGGT
140701	TTTTTATTGC	TGTGAAAAGA	CACCATGACC	ACTGCAACCC	TTATAGGGGA

140751	AAACATTTCA	CTGGGGCTGG	CTTTATAGTT	TCTGAGGTTT	AGTCCATTAT
140801	CTTCATGGCA	GGAAACATGT	TGACATGCAG	GCAGAGAAGG	AGCTGAGAGT
140851	TCTATATCCA	GATCCTCAGG	CAATAGGAAA	AGACAGTGAC	ATATTTCCCTC
140901	CAACAAGGCC	TCACCTACTC	CAACAAGGTC	ATTCCCTCCTA	ATAGTGGGCTC
140951	TCCCTATGGA	CCTATGGGGG	CCATTTTATT	CAAACCACCG	CAGTGAGTGT
141001	TGGAAAACAT	CAGAACATTT	TGGCTCATTA	CCCTGTTCTA	GCACAGGCTG
141051	CTTCCATTTT	ACTTCTCTTG	AATAAGAAATC	TAAGGTTTGG	CTGCTACATT
141101	ATTTTTTCTC	TGTC'TCCCAC	ATGGTTAGGT	GGAGGGTCTC	AC'TGTCCACC
141151	TGCACAGTGA	CACAC'TTCTT	CCAACAAGGC	CACTCCTCCA	AAAAGTGCCA
141201	CTCCCTGGGC	CAAGTATATT	CAAAC'TACCA	CAAATACCAT	GAGCAAAAGT
141251	AATTTGAAGA	GAAAAGGGTT	TATTTGGCTT	CCACTTCCAA	ATTGTCAGTCC
141301	ATCAATTGAAG	GAAGTCGGGA	CAGGAAC'TCA	GCCAGGATAA	GAAC'TCAAAG
141351	AGGGAAGAAA	CCTGGAGGCA	GGAGCGGATG	CAGTTTATGG	AGGGGTGCTA
141401	CTTACTGGGT	TGCTCC'TCAT	GGGTTGCTCA	GCCTGCTTTC	ATAGAGAGCC
141451	CAGGACCACC	AGTCCAGGGG	GGCCCCACC	CACAA'TGGGC	TGGGCCCC'TCA
141501	CACATCAATC	ACTAAT'TAGG	AAAATGTTCT	ACAAAATGCA	GGCTTTGCCC
141551	ACAGCCCAA	CTTATGAAGG	CGTTTT'TCTCA	GT'TGGGGTTC	CCTCCTTTCA
141601	GATGACTCTA	ACCGCTGTCA	AGTTGACCTA	AAATTAGCCA	ACACAATATA
141651	TACCCACATG	TCTTAGTCAG	GGTTTCTAT	CCTGCACAAA	CACCATGACC
141701	AAGAAGCAAG	TTGGGGAGGA	AAGGGTTTAT	TCAGCTTACA	CTTCCACATT
141751	GCTTTTTATC	ACCAAGGAAG	TCAGGACTGG	AACTTAAGCA	GGGTCAGTGA
141801	CAGGAGCTGA	TGCAGAAGCC	TGAGAGGGAT	GTTCTTTACT	GGCTTGCTCA
141851	GCCTGCTCTC	TTATAGAACC	AAGACTACCA	GCCCAGAGAT	GGTCCCACCC
141901	ACAAGGGGCC	TTTCCCCCTT	GATCACTAA	TGAGAAAATG	CC'TTACAGTT
141951	GGATCTCATG	GAGGTATTTT	CTCAACTGAA	GCTCCTTTCT	CTGTGATAAC
142001	TCCAGCTGTG	TCAAGTIGAC	TCAAAACTAG	CCAGTACACC	ACATATGTCT
142051	ATATCATTTG	AGAGATGAGA	TCTATCACTA	AACCACAAAT	GCTATTTTTC
142101	TTTTACAAAA	CTAATTAATT	ATTTTGATAT	GTATGAGTGT	TTTGCCTGTG
142151	TGTGTGTCTA	TGTACCAGAT	TCATGCTTGG	TGTACACAGA	GGCCAGGAGA
142201	GGGTGTCAGA	TCCCCTGAAA	CTGGGCTGCA	CGTGGGAAGCA	GAGACTGTAT
142251	GGGATTCTAT	GCAATATGTC	AAGAAAATAA	GGGGTGGTGG	TGGATTATAT
142301	AGTAGGAAAT	ATTAATTTTC	CTTCTTGCCT	TAGGCTATTT	ATATTCTCAG
142351	ATGAGAGACA	GCCTTAGAAT	GTAAATGGC	CTTAGGCAGC	ACAGTAGCTG
142401	GGCAGCTGCC	TACCCGCCAT	GCTATTAGAA	TCTGCTTTCC	TATTGATAAC
142451	CCCAAGTTAT	CACTCAGTAT	TTACTACATT	CCATCTGGGC	TCGCTTTAAC
142501	TCAGTTGGGT	AGCCAGCCCT	CTGGGCCACT	TTGTCTGGGC	CCTTAGCCCG
142551	TGACAGCTCA	CTTTCTCCCT	CTGCACGTT	CTTCTTCTTC	TTCCATGGCG
142601	GCTTCCCTTC	CTCTTCTTTC	CCACCTCGAG	GTCTTCTTTC	TACCAAGCCC
142651	ACCTATCTA	TGTCTCTTCT	GTCCAGTTAT	TCGGTGTGG	CATCTTTATT
142701	CACCAATTAG	AA'TTAACGTG	GGGTGGGGCA	GGGCCGGGGC	AAGGTCCCAG
142751	GGGCTATCGG	CAGACACCAG	GTCTTGGGGG	CCAGCGCTTA	GCATTATAGC
142801	AGATAGTAAA	AGACAAAACC	TCAAGTGTG	TGACTCAGAC	ACAGAAGTTT
142851	TCCGTCTTTA	GTGACTGTTG	ACAATCCCTT	TACACGCTGG	TCCTTCACAC
142901	ACTTTGCACT	TCTCCATTTT	CCAATCTCCC	CGCTTCTTTC	TCCTTCCCCT
142951	CCTAAACTGT	TATGTAGCTG	CCAGTGGACA	CGGGTCACTG	GGTTCCTGAA
143001	AGGAAAGCCA	GGATTGGATG	GGGAGGACAC	CAAGAGACAA	AGAGCCAAGA
143051	CAAAGTTCTC	AGAGCAAGGC	TCAATCTTTA	ATTGTAGGGT	CTGATTTTTA
143101	AAGGGGGGGA	CACCCATCCC	CCACTATGCC	AGGATCTTGA	TGTCACCTCG
143151	GATCTCATCA	GGAAAGCTAG	CTCAGCTGCT	CAGCGGGTAG	GTTTTTGTAG
143201	GAAACTGGCA	GACAAAAGAT	GTACCTTAGG	TCAGAAGACT	CCACCCTAGG
143251	TGGGATAGCC	TACTGTGGCA	GAAACAAAGT	CTGATTCAGC	CCACCTAAGA
143301	CTGGGGAGAA	GGGCACACTA	TTACATTTTT	AGTCTTCTTC	AGTCTGTGAC
143351	AGTTTCTATC	TAGTTCTTGC	TGCCTCTCGA	CCTTGACAGT	CTTAAAAAAT
143401	TTTGTACAGT	GCTCAGCAGA	TTTTTTTTTT	CTCAATTTGA	ATTGCGATGA
143451	TGTTTTCTGC	TGTAATGATT	GAGGTTACAA	ATTTTGGCAG	CAATATTTTG
143501	GAGGGGAGAC	ACCTTCTTCA	TCACATGAAA	GCAGGTGATA	ATTATAGAAC
143551	TTTTTGTGTG	TATTTTGAGA	CAAAGTCTCT	CTGTGTAGCC	CAGGATGGCC
143601	CC'TGGAATTC	ACGATTCTCC	TGTTGTTATT	TCTCAGGGTG	CCAAGCTTAT
143651	AGCAGGCTTT	AGAGACTACA	GTGTGCTTCT	TCCAGACTTT	CACTGGTGAT
143701	CTTTAACCGT	CATTACTTGC	TTAAGGATGT	AAC'TTGCCAT	CTTGTTGAGT
143751	TTGCTCTGCA	CCCCTTTTCT	TACATTTTTA	CACGTCTTTT	TTTCTGTTAA
143801	ATGTGTGTGA	TTTTTTTTTT	CTCTTATAT	TCAAGAAGCTT	AGAAGGGCCA

143851	GGAATGGTAG	CACTCACCTA	CAAGTTTGAC	TACCAGCGAG	GCTAAAGCAG
143901	GATAATCACA	AGTTCTAGGT	CAGTGTAAC	AACTTGGTGA	GCTCCTTTCT
143951	CAAAAAACAA	ACCAAACCAA	ACAAACAAAT	AAAAAACCAA	GCAAACAGGA
144001	AAATGGAATT	TAAAAAAGGA	GGCCTGGGAC	TATAGCTCAG	TGGTAGGGTG
144051	CTTTCCTGGT	ATTTGTGAGG	ATATAGGTTT	AATTCCTAGT	ACTGAATACA
144101	GCAAAGTTTA	AAAGTATCTT	TTATTCGGCT	GATGTAATTG	TCATCTTGGA
144151	GGTCTACTGC	CTCAGTGTGC	TAACCCGGGC	CTTGTCCTGG	AAGCTTCTAG
144201	GCTCCATAAA	ATCTTCTCTA	GGCCTAGAAT	GTTTTFAGCCT	GAGACATAGA
144251	ATAGGCTCAT	CCTTTCTAGC	TCTTTCTGAA	CTCTGATTTG	CTGGTTCAAC
144301	TCTGCTGTTT	TGGCTCAAAC	TCCTCTCCAA	GATGATTCAA	ATTGGCTTCT
144351	CTCTCAGTCT	GACTTGTTGC	TGTGCTTGGC	CTCAAACFAA	CTCTGGCAAT
144401	CTGTGTTGCG	GTAAATCTCT	AACCCAATAT	GCCCTGGCAA	TGAAAACACA
144451	ACTCAATTAA	TATGAATACA	TGCTGTGAAC	CTAGACTGGG	CAGATCTACT
144501	GCTACTTTAC	CATCTTCCAC	ATCTATGAGA	CCCCTTAGAA	CTTGTGATTT
144551	CCCCAGGCCA	TGTGCTTCTG	CTCTGCTTTT	CTTCCCTTATC	CTTCTCCCCCT
144601	GTGTCCCTCT	CTCTTCCAT	TTTTCTCTTT	CTTTTTCTGCT	TCCTTTTCACT
144651	CTACCTTCCC	TTTTATCTGC	CCAATCATCA	GCTCTCCTTT	ATTTTACACT
144701	TTAAGGTGGG	AAGCAGGTTT	ACAGGAAATC	ACCTGAGTGC	TGACTCATTC
144751	CTTGTTTACA	ACCCCTCACA	GGAGAACAGA	GTGAACATCA	AATATAATTA
144801	GCCCCAGGGC	TATCCACAGC	AAATCTGTTT	TAATCTTCTG	TCTCCTCCTT
144851	CTCTGGCTCA	TTCTGTATTT	ACCTGTGTCT	AGCTTGTCTT	CTCTCTGCAA
144901	ACTGTCCGGG	TAAATTTGTT	CTCTTTCCTT	CTTTCACGGCT	TCCTTTTCTC
144951	TCTCCTCTTG	TGAGAGTTGG	GCATATCCAA	TTCTGTCCAG	TCTTTCTCTG
145001	ATTTCGTCCT	TTGCCACTCA	ACTAGATATC	ACTTTCAAAC	ATGGGTGCTT
145051	CATTTTITACA	AAGTAACTTT	ACCTCCACTG	TTTGGGATTA	AGGACCTGTT
145101	TGTATTCCAG	CAAGAGGGAC	TGAAGCTGTG	TGCTAAGGGC	TGAGCCACAC
145151	CACAAC TAGA	AACAGATTTT	TTTTTTCAAT	AAATAAGAAA	ATCTTGGGGT
145201	TCATAGTGTG	ATCAAGTATC	CGGCAAAGTA	GGAAGATTCC	CTCCTCTGAG
145251	CTAAAGGTTT	AACTCTCCTC	TTCTTATAGT	TGTGTATTTT	AGTATGTTTT
145301	TGTTTTTTTCT	CCTGGCCCCCT	GCTACTGAAA	TAAAAATTTCT	GAGATTCAAA
145351	CCTATTTTACA	AATACCTAGT	TCATTAACCT	TGCCTGTTCC	TTGACTCACA
145401	AGAAACATTA	GCTCATAAAT	TAATTACCCC	ATTATTCTAT	TCTAAATCCT
145451	GCCATATGAC	TGGTTACCTG	GTCCCTCAGG	TTTTGCTTTG	GTCTCCATCA
145501	GCATTTCTGG	GTCATTTCTT	CACCTGTCTC	TGTCCCAACA	TATTTCTCTT
145551	CTCTCTCTCT	CTCTCTCTCT	CTCTCTGCTG	GATGTCCCAC	CTTTTAACTT
145601	CATGCCTAAG	CTCATTTGGC	AATCAGCTTT	TTATTGACAG	GTCAATGTTT
145651	TTATACAGTG	CACAAGAGAT	TTATCTCTAT	ACTCATTTGG	ATGATCACCG
145701	AAGCTGTTGT	TGACAGTTAT	TCACCTTTTA	TTGTTTTTCT	TTTTTTTAAAG
145751	ACCAATGATT	CTAGAGCTAA	AGATAATGAA	GGACCCTCTG	TGTAGCTCAA
145801	GCTTGTGCAA	GGAGGTGACA	GTTGGGTGAT	TCACTAGCAA	TATTTTGACT
145851	GCCATTAGAA	GAATAGAGTC	AATCATACAT	GGTTGTGTGG	TGTACTTGGAA
145901	AGAGCAGGAG	ATCAGAGGGA	CTTGGTTAGA	ATTTAGGTTT	TACTCTGTAT
145951	TGGCTGTGAG	ATTTTGGATG	ATACAATTGA	CTTTCCTGCT	TCTCTAGACT
146001	GCAATGATTT	GAAATGCTAA	AAAGAATTCC	TACCACTTAC	ATAAAAACAC
146051	TGTCAGTAAG	ACAGCTAGTG	CCTGCATAGA	AACCCTGGAG	TATATTAGCA
146101	TTGTAAGTTT	GCACATACAG	TTGAAAGGTG	TTGAGGAAGG	AGATTTATAA
146151	GTGTCTACTG	ATATGTTTAT	AGATATTTTA	TTTTTCAACTG	GAGGTACTGG
146201	TAGAAATATT	CTTTTTTCTAT	TGTCAAAAAA	TTTTTTTTAGC	ACACACATCC
146251	TTTTTGTITAC	ATGTCACCCA	ACTAATTAAT	GAGTTTATTA	ATTGTTTTTAT
146301	TTTATGAAGT	AATTTGTGCA	TGTAGGTGTA	TATTACTGGG	AGTTGAACTC
146351	AGGGCTTAAC	TGCTAGATTA	ACTTTTGACT	AGCTTATTTAT	AGTCAGGCTC
146401	TCATGGAGTT	TTTTTCTGTTA	AGATTCAACA	ATTCATTTAC	TCTTTCACTT
146451	AGATAACGTA	GATCACCTGT	TCTCAACCTG	TGGCTCTGTA	ACAACCCTTT
146501	CACAGTGGCA	GTGTAAGACT	TATCAGAAAA	CACAGATGTT	TACACTAGGA
146551	TTTATAACAT	AGCAAAATTA	GTTATGAAGT	AGCAACAAAA	ATAATTTTAT
146601	GGTTGGGGGA	CACCATATTA	CAAGGTCAAA	GCATTAGGAA	GATTGAGAAC
146651	TACTGCCTTA	GAGTTTTTAA	ACCACCTCTT	CTCTTTTTTTA	ATGTAGGAGA
146701	GTGTGCCCTCT	TTTCCCACAG	CAAACATGGC	GGAACAAACT	TCAACCTGAC
146751	GTCTTGCGCC	CTCAACAAAG	ATGGCTACAG	CACTTCCTGC	TCTTGCCCTT
146801	AACAAAGATG	GTCGCAATAC	TTCCCTGTCTA	GGACTTTTGC	CCTCAACAAA
146851	GATGGTCTTT	ATGGTACAGG	TTCCCTAGCA	GTCTGGATTC	CGGTGTGTAGT
146901	TTTAGTTATT	CTTTTTTTTTT	TTTTTTTAA	ACGGTACGTG	GTCGCAGACG

146951	TAAGTAAGAT	GACTCCATCT	TCCTCTCGCTG	TCCCCGCGCC	GTGGCGACAT
147001	CGCCCCCTGCG	CGGCTCTCCC	GGGGGCTGGA	CCGGGGTTTCG	GGTGGCGGTG
147051	CCGGGGGTTCG	GTTTCTCTCCG	AGAGGACAGT	CTGCGGCTTC	ATTTACCGTG
147101	AAAATCGTTCG	GTAGCTCTAA	CTGTGCCACA	ACCACGGCTT	TCAGCTGCCG
147151	AGACAGGGAA	CTTTTACAA	GTTCCAAATG	GAAACACGCT	GCCAAAACAA
147201	AACAAAACAA	AACGGTCACC	CACGCCCTCC	TCACCTGCCA	CCTCCCCGATT
147251	TGGCGGAAGA	TGCGGAGCAA	GGCTGGGATC	CGACGTCCCG	CTTGTGTGGG
147301	CTGAGGGTGG	CAGAAGCCCC	GCCCCGCCACC	CTTGCTCCCC	TTGCCTTCAT
147351	TGCCACCGCA	AGCCACCCCG	CAGCACACTA	GCGACCTGAG	CTCATTCAGT
147401	GTCCTCATGCA	TGCGTGCTCA	CGGCCCTACT	GCGACCCACA	TTCCGAATTC
147451	TTGTGAGGCT	TATCGGTAAA	GGCACACAAA	CACTCATTTT	CTTGAGGGTG
147501	CTTGTCCTTT	CTTTGAATGC	TCTATAAACT	TCTTTCTCTCC	GGACTGTCTT
147551	CTATTGCTGG	TCAGGGTCTA	TAAATAAATG	TCCCTGGTGC	TTTTTAGCAG
147601	TTTCTAAAGC	GTGGGTGCTG	GACTAACTCT	GGCAAAGCAA	TATTGAAATC
147651	CACATTTTTC	TAGCATTTAA	TTTTATATAA	TAATATAAAT	AGATTAATAA
147701	ATCTGTAATC	CTTAGGGATT	GCATTTTAAG	TAAGGGATCA	GATCTGTTTT
147751	CTGTTGGCTC	TCTTACTGCA	CAAGGAATTG	AAATAGGGCC	CCATTATCGT
147801	GAGAAGCAGA	GGTAGAAACA	TCCATAATGA	GTGTCGTTCA	TTATGCCGGG
147851	AAGTGTTTGA	AATATCCGTG	GTTTGGCTTA	ACAGCCGCTT	AGGAAACACC
147901	GTGGCTCAGC	AGCCTCTTAA	GATATAAACA	CCTGACTGAT	TTTTGAGGTG
147951	CTCATTAATG	AGTTTGCAGC	AATACACTGA	CTTTGGGGGG	GGGGGTGTCC
148001	ATCAGCAATC	CTGAAACCTA	GGTGCTCATT	TTGGCTCTTT	CCAGGAAGAA
148051	ATGGAAGCCA	GAGACAAGCA	GGTACTCCGC	TCCCTGCGTC	TGGAGCTGGG
148101	TGCCGAGGTA	CTGGTGGAAG	GACTGGTTC	TCAGTACCTT	TACCAGGAAG
148151	GAATTTTGAC	AGAAAACCAC	ATCAAGAAA	TCAAAGCTCA	AACCACAGGC
148201	CTCCGGAAGA	CAATGCTGTT	GCTGGACATC	CTGCCTTCCA	GGGGCCCCAA
148251	AGCTTTTGAC	ACCTTCCTCG	ATTCCCTCCA	GGAATTTCCC	TGGGTAAGAG
148301	AGAAGCTGGA	GAAGGCGAGA	GAGGAAGTCA	CAGCCGAGCT	GCCTACAGGT
148351	AGGCCCCAAA	GAGATCCCTT	CAAAACAGCT	CTGGAAGTGT	TGCAACCATG
148401	CCCAGTGGAT	TGGAATTTGG	TCTTTTAGGA	GGGACCAGGG	CCACGAGCAT
148451	GGGCAACGGT	TTGGATGAG	AGGGCATGGC	GTCGGAGGGT	CAAGACGAGG
148501	AGGCGGTGT	AGGAAACTCG	AGGAAGGAAG	GGAACATGAA	CCCTGAGGCT
148551	GAGGGGTAA	GGAGGGAAC	GAGAGTACAA	TTAGACATG	CTTCCAGGGG
148601	AACTTGGCAA	GTACATGGG	AGGCTTGTTT	TCATCGGAGA	GCCAGGTCAA
148651	TCTGAGCCCT	TGGCAACAG	GAACCGTTTG	GAAAGCGCAG	ATGGGAATGC
148701	AGGCTTTGGC	CTACTGATAA	CTGATTTGTG	GGGTGCCAAG	CTGCCAGCTG
148751	GAGGAGGTCA	GATCATGGGA	GACAGCCTCT	AGGAAGGCAT	GTCCTGCACC
148801	TGTCCCCACA	GCCAGCCTCC	AAGGCCAAGG	GGATTATTTT	GAAGCCTGCC
148851	TTTAGTTTGT	TTTTAAAGGC	TGTTGGTGTA	AAGTGGCCCT	TTAAATTTCA
148901	GCTCTGTGCA	GACACCTGGG	GAATTTTATT	TTGCAAGGGC	AGTAATTTGG
148951	GGCTGCGAGG	GGGGGGCGGA	CTTTATTTTG	ATTTTTTTCC	AGGAAAAAAA
149001	ATCCCTGGAA	GCAGTGATCT	GAAAAGAAAC	AGCTTGGTGC	TTGTGAGAGG
149051	AAGGTGCTGC	GGTATAAATC	ACTGTTTTCT	TCAACTCCTC	CCAGATATAC
149101	TGCTCTTTCA	CAAAGATGAG	GGACTGACCT	AGAAAGATTA	ATTTTTTTTT
149151	TTAAATAATA	AAATGGAAAG	TTAACCAGGC	CAAACCAAAT	CAGTAGATTT
149201	CCAGAGTTAA	GAATTCAACG	TTTTCTGGTT	TTCAAGTATAG	ATATGGACCA
149251	AGTCAGTGGT	CTCCAGAATT	TATTGTAAAT	GGTTTTTAAA	AATGACTGTA
149301	ACAGAGCTGG	TGTGTGTGTG	TGTGTGTGTG	AGTGTGTGTC	AGCAGCGACA
149351	TTGGTGTCTT	GCCTTTATGG	AGGCAGAGGC	AGGTGGTTCT	TTGTGAGCCC
149401	AGCCTGGTCT	ACATAGCAAG	TTCTGGGATA	GCCAGAGCTA	CATATTGAAT
149451	CCCTTTCTAC	ACTCCCAATT	TTCAAATAAC	TGTAATTTGGT	AACAACAACA
149501	ACAACAAAAA	AAATCAAATA	CTACCAGTAA	ATTACTTTTA	TAATTTAAAT
149551	GTAAAACTAT	GGGTCTTATA	TTTGAATGG	TTCTGAGAGC	ACATATGATA
149601	ATTATTTTTT	TAAAATTAAT	GACATATATC	TGAATATTTG	ACCAGAATGG
149651	GATAGCCAGT	TAATTTAGAA	AGACCTGGTG	AACACTCAGT	GGAAAATCTA
149701	AAAATATCTT	TATTCCTAGG	AGCTTGTCCA	AATTACATGT	CTTTTTGAAA
149751	CCATGAGAAAT	GCCGGCCTTT	GAGGACCTCT	AGAATTTTCA	GCTTGGGGTTG
149801	TCCTTAGAAA	ATTACATATT	CCATGTGTCT	GAACAAAACC	AGGACCAAGT
149851	ATCCCTGACA	TTTCTACCAC	ATTATTACAA	GCAGAATATA	TAACATGGAG
149901	TTGCGGAGGG	AACATCAATG	AGTTGTGCCT	TTCTGGTATT	CACATCGAAG
149951	GCTCTCCTGG	CCGCACGCAG	TTGGAAATGA	CAAAAGACCC	GAATGCTTTT
150001	CACTCCCCAA	ATGTTGAGTT	TAACCAGGTG	ATTATTTTGG	GTATATATAA

150051	CGTTGTCATG	AATTGTCATA	GACATGAGAC	CCTCATTCCTC	ACTTCTTCAG
150101	GTTTATTCAG	AGAGCAAGAG	AGAACTAAGA	TATCCTGAAG	ACATTAAGAAA
150151	GTTAAGGAGA	AACGGAGGGG	AAAGGCGCTT	TTATATCTAG	CTGTTTATCT
150201	TCTATGTATG	AGTGCTGCAT	CCTGTGTGTC	AGTATGGGCA	CTGCGTGTGC
150251	CTGGTGCACA	TGGAGGTGGG	AAGAGAGGGC	AGGAGCCITG	GCAGCAGAGC
150301	TGTAGATGGT	CGTGAGATGC	CATGTGAAAG	GCAAAGAAAC	CCAGTACTCT
150351	GCAAGCCCAG	CCAGTGCCTC	TAATGCCGAG	CCCCTCCCC	AGCCITCAAAG
150401	AGCAGCTTFA	TAATGGAAGC	AAAAACCAAA	AAAGATTGAA	CATATCTGTA
150451	TATATGCTTA	GGAAACCAGG	TTTTCCCCAA	GACITGTATA	CTCTGTTGAA
150501	GGGTTAAATG	GAAACCTGGC	TTGCCCTCACA	ACACAAGTGA	GTGTTGTGAA
150551	TTGTTTGTIT	GTTTATTTTA	TAATTAACCTC	TACTAGTGAA	AAAATTCTGA
150601	CCTGGGGCTT	AGATTTATTG	ATTTCTTGGT	GACATCAACC	CATTTTCAAG
150651	TATGACTGTA	GTTAAATCTT	GACTATTTAA	ACTAACTACTG	AAAATACAAG
150701	TAAGGTAGAG	ATGAGTGATA	GAGTCAACAC	CTTTCTCATG	CTCACTTTAA
150751	GAAGAGCAAT	GCTCCACGCA	GGGGTAGTGC	TCCCTTTGGC	TGGTGCTTAC
150801	AGATATGGGT	GTITTTGGGT	TAGTGCTCCC	TTTGGCCGGT	GCTTACAGAT
150851	ATGGGTGTTT	TCGGGCTAGT	GCTCCCTTTG	GCTGGTGTTT	GGAGATATGC
150901	GTGTCTCCGG	CTACTGCCGG	AGTGCCATGC	CTGCCCTGTCT	GCTGCCAGGT
150951	TCCTCGCCAT	GATGGTGATG	GATTTCTAACC	TTCTAGAACC	GTAAGCCAGC
151001	CCTCAAGAAA	CTAATTCCTT	ATAAGGAAAA	ACAAAAAGGC	GACATTATTT
151051	CTAAGCTTFA	CTAATAAGCC	CTGGATTCTGA	GGTTTGTCTAG	TCAITCTCTT
151101	CTCTCTCTTT	CATITGGTAGT	ITTTCTAGCTC	ACAGGAGTCT	CTTTAAAGT
151151	TATTATTGAT	TATTGAAAAI	CTATTATGCC	TTAGGGTCTA	GTGGTAAATG
151201	TGTATATCTA	TACATTGTAT	ATATTTTATIT	ACATCATATG	CCGTATACCA
151251	TATATTATAT	ATCATGTATT	ATATATTATG	TGTTATTATA	TTATATATAA
151301	TAATTATATA	TATAGTGTIT	TAGGGTTAGG	GTAGAAGTTA	TATATTTTAA
151351	AGAAGTAGAT	GCCTAAGTGC	TTTCTGTCAC	TTAAGGCCTT	AAATATTTAT
151401	AAGTGTCTAG	TTTCTATGAAA	ATATGATTTT	GAAATTAGGT	TGAGGTTTAG
151451	TGAATTGGAA	GCTGTGTGAG	TGTTGGGTTT	TTTTTTTAGG	GAGTAGGGGG
151501	ATGAGCGGAG	GCTTAGAACC	ATGGACCAGC	ATCAGAGCTG	AAATGCCTTC
151551	CAACTTAACG	TCTCTGGAAA	AAAAGCAAAC	AAACCCAGAG	TCCTGTTTCC
151601	TGGGACCTCC	GTGTCCTCTT	AGCACGGTGT	CAGAACTGGG	TAGGCACACT
151651	TGTGCTTCTG	AAAAGGCTTT	GCAACCCAGG	CTCAGGGAAA	ACCGGGCGTT
151701	TGCGAGGCGC	GCACACAGTA	ACCTTTTCTA	GATTTCTGCT	TATGTTGGTT
151751	GTGGTTGTCC	CTGGACTGGT	TTGGTGCCCT	GCGGTCTAGGA	AGCCTTGAGA
151801	AGAAGCGAGG	AGTGCCCTTC	GCTTAGCCAC	GCGGCCCCATC	CTTCCTCAAG
151851	AACAACTAA	CTTTATTTTT	ATTACAGTTT	TCTGCTTGGC	TCCTCTGGCA
151901	GGCTCTITGGT	TTCCCCCTTG	TTTGTGTATT	AACTTTGGTG	TTTCAITTTCT
151951	ATACTITGGAG	CTGCCGAGGA	TATTTCTGTG	TTGTAAGTAGT	TATTTGCTTT
152001	TTGTATATAC	ACTGAATGTA	AGTGATATAG	AGTAAACTG	AGTGTGTCTI
152051	CAGTCTCTAT	TCTTCTAAT	TCAAGTCTCA	ACCAATCCTC	AGACAGAAAA
152101	GAACAAAAAC	TACCTGAAT	TTCTGATTAT	ATCTCAGAAT	TTTCTTAGGT
152151	CTCCTAATGT	CTGTTTAAAA	AATCCAAGTA	TAAAAGTCCG	GGATGTTGAG
152201	CAGATATTTG	GTITGCGTCT	TCCTCACCCC	ACAAGGACTC	TTACCTTTTA
152251	AAGGAAGAAT	TCTGCTGATA	AAATGACTTA	ATCCACCTTG	GCACAGCGGA
152301	AGGGACACTT	GGCAGCGCTT	CGCTGCGACC	AAGGTCACAC	ACCAGACATT
152351	AGATCAGCTG	GAAGTCCITCT	CTGGGTTCCT	GCTGGGTCTAC	TTTAGGAGAC
152401	AGGACAGCAC	TGGGTGTGGG	GAAGGCAGCC	TGTGACCGGT	GGCCITGCCTT
152451	CCCAGCCTGG	TGGGTCTGTC	TGAGCCGGGG	CTCTCTGTGG	TGCCCAAGTT
152501	CATCTGGCTG	AAGCCCTGGC	CTCAGTATCT	GATGGGACTC	CGCGTCAGGC
152551	ACAGTAGAGT	GGCTCACAGG	CCCCAGGACT	CTCTGTTCCTA	GCCTGTTTGC
152601	TCTGGCCTGG	CTGTCCGGCT	GCAGCTCTGC	CACGATCTTT	TCTTAACAGT
152651	CTCCGGGTAG	CCTTGCCCTT	CACCTTGCCCT	TCCCTTTGGC	TGGGGCTITG
152701	TTTGTCTCTC	TTTTACCAAC	AGGAGTTGTG	TCTATGCTCA	GCCACAAGCC
152751	TCCCGCCCTA	GCTAGCATCA	GATACTTCCT	TCCTTGGCCC	GTGCAGTGGC
152801	CGCCCTGAGG	CTAGCCCTTG	TTTCAGCCTT	GCCTGAGTTT	CAGTGGGTCA
152851	TCCTGATGGA	CAGGATGTC	TTGATTGCCT	TGCCGTCCTC	ATGGGTGCAA
152901	TACACACAGG	GCTGGCTTGC	CCGTTCCCTT	TCTGCTCAGA	AGCTCCAGGC
152951	CCAGCCTGTC	CCTTCTGAGC	TGGCCTTGAG	TGACCCCGCT	GAGCCACATC
153001	AGCTGGTCTC	GCTCCTCAGA	GGTACATTTT	GGCTCTGAGG	TAAACGCTTG
153051	GGCGTATITG	AAGTTACTGA	GCTCTCGTGA	CAGCCGCATT	ACATATCGCC
153101	ATCGGTTTTT	TGACITTAGGA	TTCTTCTTAA	AGTCTCCTCT	AATCAGGCCA

153151	TTCACCAAAG	CCTGCCCGT	GAGATAACCG	TTGCGCTGAA	CTCAGTTTAG
153201	CCAGCCTGGG	TTCTAGATCC	AAGGAGATTG	TTCCCTCTGA	TATCCCCAGC
153251	TTGATTATCA	TATACTTCCC	GGGGATTAAAG	TCAAACCTGA	AGGGCCTCAG
153301	ATACCAGAAG	GGATTCCCTC	CTTCCTTCTT	TCAGATGTGT	AGTGGGTGTT
153351	GCCCGTGTGT	TAGCGGTCCG	GTCTGGTACT	GGGGCTATAA	CGGTAAACAG
153401	AACCATGGCC	ATGGGGTTCA	CTGTGTCTCC	TGGAGGAGGA	GGATCAAGGG
153451	TGAGACCGGC	AGACAGCTGA	TGAATTAATT	ACCATTGCAI	GTGTGTGGTG
153501	GTGAGAGTGG	GCAGGTAAGC	CTTAGAAAGC	CTCTCTGATG	TGTITGGCCTC
153551	ACTCCTGGGA	CAGAGTAGCC	CGAGTTAGGA	AAGAGACTTC	CCTCGAAGGG
153601	CTAAGTTACC	TGCTGTACCC	GTGTGTACTC	AGTGA CTGGG	TTACGACCCG
153651	TCCGTCGTGC	TTTCCATCGC	GCATCTGAGA	CCTTGTGTGG	TCCTTCAGAT
153701	GAATGTAGAT	CATCTGGGAC	TCGGAATGAA	AGAGTAGTGA	TGCCCCACGAC
153751	GAGAAGGCAC	CTCCCCTTCT	CTTCCGAAGT	AGTCCAGATA	AGGATAGAGG
153801	CACCAGGCTT	CAACCCTTGC	AGGCACTGGG	ATCCCAGCAG	TGTTTAGGTG
153851	GTTTGGTGCC	CCCCCCACCC	CAGCCGCCGT	GTGCTTTCCCT	ACCTACAGAA
153901	GGAGGCAGAA	ACAAGGGAGG	ATTCACTACC	AGGGCCGTGT	AGCTTTACCT
153951	TGAACATTGT	CACAGGCTTG	GGATTCTTCT	CACAAGCTCC	TGCGTTTCTA
154001	CCACCCGGCT	GAGCATGCTC	TGTTGGAGTG	AGTGTGTGCTT	TCCAAGCTGG
154051	TGGTGTCTCC	AGGCATTTAT	GGAAGGACAG	GAAC TGGTTA	AGTTTATCAG
154101	TAGCATTATG	GAGTTTGTA	CTTTTATCT	AAACACCACG	TTTGAGCTTA
154151	TGGCGACCCCT	CAGCAAGATG	CCGCCAGATC	CTGGTGTTTG	TGAGCTGGGT
154201	GGGACCCACA	CATCATATTC	TTTTTCTCTG	TGAAAACGGA	GGCCTGGGAG
154251	ATTAAAGTCAG	CTTGCTCATC	ATCACATAGC	TTGTTGATGT	AATTTATTGC
154301	TGAGACTGGA	ATCCTAGCCT	ACCAGCTCTT	GATTTAGGGT	CTTTCCTGCC
154351	TCACAGTTTT	TTTGGCTCCC	CACTGGGTCT	GAAATGGAAT	TGTATTATTC
154401	TGTGGTGTTA	ATAGCCAGAG	GAGGCTTTTA	AACATTTGCA	CTAATATAGT
154451	TTTTTTTTTT	ATGTTTAAAG	GTAAAAACTT	CAAGATTTTT	TAGTATAGTG
154501	GTTTGAATTT	GTCTTAAAGT	ATTTTATTTT	TATTAACGCT	AAITTTAATC
154551	ATCTACCTGG	GAGTCGTGAT	AATCCAGGGC	TGCATCTTAT	CAGAGGCTTC
154601	CCCCAGCTTC	TGCAAGGCTG	ATGTAAGGCG	AGGCAGAAGA	CTTTTATGAG
154651	TATTTATGGG	CCTGATGAAA	TAATGCATCT	GCTGGCAGCT	AATTGCCACT
154701	CTTTCTAGGA	ACGGCAAGCC	ATGTGACAGG	GCCTGTCCCA	GCAGGGATGG
154751	CTCCATTTCA	CTCTCAAATG	CATTTAATAC	TTTTTGGGGT	TTTTTTTGAG
154801	AAAGTCTGAC	TGTGTCTTTT	TTCTCCCTC	CCATGGCCAC	AGGGCATTG
154851	GGCTGCATCA	GTACCCCGAT	CGCCTTCAGG	TCCTTAACCG	TGGCCGTGTG
154901	CTGGGATTCC	CCGGGGGACT	GAGAGGCTGC	TGATGTCTCT	GTGTGTCTCC
154951	TAACCAGACC	AATCCATCAC	AGAGTTTCTG	GGAGTGTCTT	CTAGGCAGTG
155001	ACATTAGACA	CACGCCCACT	GATTTGAGTA	CAAACAATCC	CGGGCACGCA
155051	TGGCTTACCG	GGGCATTCTA	AATCGTAGCA	GGGAGAGAAC	CTTGGCATCG
155101	GGCAGGTGGT	TCCGTGACGG	CTCCTTGCGT	GCCATCGCTC	CACAAATGTG
155151	GGCGGCCAG	AACTACACAC	GGCCGGATGA	ACTGCTTGTG	TTTTTCAGTGG
155201	GGGGAGACGC	AGTAAGGTGG	TAGAACACGG	ACACACAGAA	AGACATTACT
155251	TCACAGGTGT	TGTTAATCCT	TGAATTTCTT	GAACACTTTC	TGAAGGATTT
155301	TCCAGAGTAC	CAGACCCAG	AGCAAGTGCG	ACTCCGGTAC	GGACTTTAGA
155351	ATGTTGGGCG	CATACAGGCG	AAATGCACGC	CGAGACGGAG	TTGGAGAGAG
155401	TTTGCATTAG	CTGGAGAAGT	TGAATTTAGG	CCCTGGTGGT	GGTAGCGCAC
155451	GCCTTTAATC	TCAGCACTCC	AGAGACAGAG	GCAGGTGGAT	CTCTTGAGTT
155501	TGAGGCCAGC	CTGGCCTAAG	GAGTAAGTTC	CAGGGCAACA	GGTGTGTGTG
155551	TGTGTGTGTG	TGTGTGTCTG	CAGGGGTGGA	GCAGAAGGAG	TTGAATTCAG
155601	GGTATATATA	TATATATATA	TATTCCTTGA	ACATGGCTTC	TGGGTGGAAG
155651	AGAGAGGACC	TAGGCAGGTA	GCTCTGGCTC	ATCCTGCTCA	CCTCTCAGGT
155701	AGCAGGCTGG	GTCCTCTGTA	TTTTTTTTTT	TCCTTAAAAA	TGACTGTGGG
155751	GCCTGGAGAG	ATTGTGCAGG	GCTCAAGGGT	CTTTGCTGCT	TTTCJAGAAG
155801	GCCTGGGTTT	GTTCTTAGCA	CCCAATGTAT	GGTGGCTCAC	AACCCCTAGT
155851	AACTCCAGCT	TCCGGGGGAC	CTGGCGCATG	CGCGTGCCTG	TGTGCGTGTG
155901	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTATG	TATGTATGTA	CTGGAGAGAC
155951	ACAAAGATCC	CGAGTTAAAG	ATCATCTTCA	GCAGCCTAGG	GAGGTGTAGG
156001	CCTGAGCCCT	GTA GAACCCCT	TTATTATATA	GATGAGGCAC	AGTGAACATA
156051	GGGCTGTTTA	ATAACTCCCT	TAAGGTCACT	CAGGTGCATG	GAGCCAAATT
156101	ATTAACTTCA	GTGCTTTGAC	TTTACAGCCT	GCTAACATCT	ACCCCATGAA
156151	AGCACCTTAT	CAAAATAGAC	TTTTCCCTTC	GCCTAATTAG	GATAGCTCAG
156201	GTGTGTTCCA	GTGCTCCGTC	CCCACTCATT	CTCCCTTGCT	CCTGTCAGAC

156251	ACAAGCCCAG	GGGCTCTTGG	AAAGTCCTTC	TCTTTCCTGT	TGTCCTCAGGA
156301	GTCACTTACT	CCCTGTGTCT	CCCCTTTTCT	GGTCTCCTTT	GATCCTTTGC
156351	AGAGGAGGTG	GCATCTGAAG	CAGGGCCCTG	CGTTTCTCTC	CTCTCAGGTC
156401	CTCTGAAGCA	GGGCCCTGCA	TTTCTCTCCT	CTCAGGTCCT	CTGTTATCTT
156451	GAGAGTCTTA	AAGACTAAAG	CTTTGGTCTA	CAGAGTGAGT	TCCAGGACAG
156501	CCAAGGCTAT	ATACAGAGAA	ACCCTGTTTC	AGGGGAAAAA	AAAAAAAAAAG
156551	ACTAAAGCTT	GGTCGTGTTT	GGGGACATCG	TGGTAGCTCT	GCTGATGCTG
156601	CAGTCAGGTC	CCACTTTGCA	GCTCATAAAT	CATGCTCTCT	ACAGCTGGTG
156651	GGTACCAGGA	ACAAGTTCTG	CTGGTGTAGC	TCCAGGCTGC	CTATCAAGGT
156701	AGCACTCCGG	CTTGGGAGGG	AGGGGGGGAG	GCTCAGACAC	GAAGGCTGTG
156751	GTTGCAGCCA	GCTGCAGGAA	TGTTTGCTCT	ACCTAAATGT	AATAGGCAGC
156801	TGTGTTTACA	CGGGTCCTTC	AGTTTGGCCA	GTAAGGAGCA	TAGATGTATA
156851	TGATTCTTGG	GAGGGTTTAC	CCACCCTGCT	CCCCCTTTTA	AAATGTGATT
156901	TTTTTTTTCC	AAATAGTCAA	CCTGAATTTA	AAAGGCAGTA	TGACTTCTGG
156951	ATGTTTTTGGG	TCAGGTTTTA	GACGTAGGCT	TTATTTTTTG	TAATGATATG
157001	AAAGATTTGC	CCCTTTGTAG	GAAGCGCCAG	GCTGAGAGTT	CCTGGAAGTG
157051	TTCAAGTTCT	ATTTATATTC	GGCACCATGG	CAGAGATGGT	GGCGACACGG
157101	TTACCAAAAT	AACACCGTGG	AGATGTCTGA	AGTGGTTGAG	AGGACACAGG
157151	GGTAAACACA	CCCAGGGCCT	CTCAGTCAGC	CCTCAACAAG	GACACCGGCT
157201	GTGACTAGAT	AGATGCGTGG	GATCTTTTCC	CCACCCAGGA	AGCAACAGCA
157251	TTGCTGTAGC	GGACACCACC	TGGGTGTCTG	TTGGTTCTCC	TCAAGTCTGA
157301	CAGCGTCATC	CTGAAGCTAG	CATGTGACCC	CACAGCTGAG	GCCCCAGTTT
157351	CTCATACCAC	CTCCCAGTTC	CAAGGCCAGT	CACAAGTGTC	TGTCCTTTAG
157401	TTTCAAGGTG	GATTCCTTAT	GGCGTTTTTC	CTCTTGTTCA	ATTAATTTTT
157451	AAAAGCTACT	TACCAAACCA	AGAGAAGCAC	ATTTACCAGT	TTATTATAAA
157501	GCATGTTTAT	GAAGGATACT	GATAAGAGAT	ACACAGGGCA	AGGGATAGAA
157551	GGAGAGTCTT	TCCCACGTAG	ACCACATCCC	GGAACCTCCA	GCTGTAACCT
157601	TGGGCTGTCT	GGAAGCCCTC	TAAGCCCTGC	CCTTGGAGTT	TTTAATAGCT
157651	TCATCACATT	GGCACACCTG	ATGAAATAAC	CAGACAACCT	AAACTTCAGG
157701	TGCTCTCTTC	TCTCCAGAGG	GACAAGATGT	GAACACTCAC	TGTCCCAGCA
157751	CTTGGGAGAC	AGAGACAGGA	GGATCAGAAG	TTGAGTCTCA	ACTCCCCACC
157801	CTGTCTTGGA	TTCTGAACGA	CTGTGCCCCT	CCCAAAAATT	ATCGAGACTG
157851	TTGGTCACTG	GTCTGTTGTG	GATAGCCCCT	GGGCTAATAA	AATTTGATGT
157901	TAATTCCTGTG	AGAGGTTTTG	GATGAGGAAT	GAGTCAGCAC	TCAGGTGATT
157951	TCCTGTAAAC	CTGCTTCCCA	CCTTAATTTG	TAAAATAAAG	GCGAGCTGAT
158001	GATTGGGCAG	CTAAGGGAAG	GTGAATAGAA	GATGAAGAGG	GAACGCAGAG
158051	AGGGAAAGAA	GAAGAAGAAG	AAGAAGAAGA	AGAAGAAGAA	GAGCGGAGCA
158101	GAAGCACATG	GCCTGGAGAA	ACCGAAAAGT	CTAAGGGGCT	CTATGGATGT
158151	GGAAGATGGT	AGTGTAGCGG	TAGACTTGCC	CAGTCTAGGT	GCACAGCATG
158201	TATTCATATT	AACTGAGTTG	TGTTTTTCATT	GCTGGGCATA	TCTGAGTTGG
158251	AGATTTGCTG	TAACACGGAT	CAGCTTAGTA	GCAAGTAAAA	AGACATGGCT
158301	TCTTTGAAGA	CCACCAGGAT	GTGGAAGTG	TATGTCAGGC	AACAGGACAA
158351	GAACCAGACG	TTACTTATTT	TGTGATATCT	TAGTGGCAAA	TAAGGCCTGT
158401	GGTCGTGAAG	CCTGCGTGTA	AGTCCCTAAG	AGCAGGTCAC	AGTACTATCA
158451	TGGGTGGATG	GGGCATGCCCT	GCCAGGACTT	GTCTGTCTGC	GTCAGCTGTA
158501	GAGGATCTTA	GAGGCCTCCA	TTTTAGAGAG	GGGAAGGTAT	GTTAACTTGG
158551	TTTCTTGTTG	CAATGACAAA	ATACCTTGAC	CAAAGCAACT	GAAGGGAGAA
158601	AAGGCTGPTT	TGGGCTTTGA	GTTCCAAAGG	GGACACTGTC	CATCCTGGCA
158651	GGAAATGCTC	GGTGATAGGA	CGAAGAGGCT	GGCCTGCCCC	ATTGTACCAG
158701	CAGTCCAGAA	GAGCCAGAGA	GCAGGAGCTA	GGGACAGGTT	ATGCAGCTTC
158751	AAAGCCAGCC	CCCAGTGACT	CTCCACCAGG	GCCATTCAAA	GTTCCTTTTC
158801	TATCCAGTGC	CAGTAGCTGA	GGCATCACGA	ATTTCAGATAC	CAGCCGGAGC
158851	CCATGGTGGA	CATTTCTCAT	CCAGACCACA	GCAATAGGAC	TGTTCCTCAA
158901	CCTATAAAAT	GCATCAGATG	GGTTCTTTGG	TTCAAGCAGT	AGGACTTTGT
158951	ACTAAGATAA	ACAAAAGTAG	CATATTGCAT	AAATTACACAC	CTTTGAAAAA
159001	ACTGGCTAAC	ATGGAAGGAC	TATTTAACAG	GGGGCCAGAT	AAGGCAGTGA
159051	GTGAGTCTAA	GGTACGGGAT	GGTGTATCCC	GGAAGTCCTC	CATTGGACCT
159101	GCTTCGGGAT	GCACATTGTA	GGCCAAGCCT	GGGTCTTAAG	TGCTGTGTTT
159151	AGGTGTGGGA	ATCAGCCGGA	GTGGTGAAGG	TCATCTGAAA	ACTTGATGGC
159201	TCTCGGGAAG	TCTTCTGGAG	TCTCCAGTTT	CTCTTCTCTG	CTTCCCCACA
159251	GCCCTTTATC	CTTCTGTGGT	CTTGGCTCCC	CCCCCCCCCT	TTTTTTTCTC
159301	GAGACAGGGT	TTCTTGTCGC	CCTGGTTGTC	CTGGAACCTCA	CTTTGTAGAC



159351	CAGGCTGGCC	TCGAAC TCAG	AAATCCGCTT	CCTTCTGTCT	CCCAGTTTCT
159401	AGGATTAACG	GCGTGTGCCA	CCGCTGCCCC	GCTTGGCTCC	CCCTTTCTAC
159451	CTGGTGGCCT	TTCCACTGCC	TTTCCTCTCT	CAGCTCTGGC	CGCCCTCCGC
159501	AGCTGCCGGA	GCCGGCAAGC	AGCCCACTGC	CTCGCTGGCT	GTCTCCACAT
159551	CCCTCTGCCTC	GCAGCCTTCA	CAGCTTGACT	TGACTGCTCG	GCTGTGTCTG
159601	CCACTTCAGT	TTTGCTGTCT	CTTTTGTGTT	AACAGCTCAG	CAGAGAAAAG
159651	ACCATTTGCA	CGAGAAGCCT	TTTATTAGGC	TTATTACCGC	AGCACCAAGG
159701	GAGGCAGCAG	AAGAGAGTGT	CTCTCAGTCC	ACTCACGGAG	CCTGCTCAGA
159751	CAGCCAGAAG	AGGCGTTCGG	GCCAATCACI	CTCTTGCCCC	TCAACACCTG
159801	TCATGGTTAC	CGAGGCTTGT	GCTTGTACCA	ATCACAGTCT	TGCCCCTTAG
159851	CACCAGTCCA	TTCTCTTGGA	TTTTATGCCA	ATGGTGGCAT	TGTCTTAGAT
159901	AAATAAATCA	CAGCCGCCCC	TCCTGCTAGAC	CCCTGGGGGA	GCGCTGCCTT
159951	TCTACCCGCTG	CTGGAACCTG	TTCTAGGGTT	ACAGAGTTCA	TAGAGGCTAC
160001	GACAACAAAG	CCCITCCGGG	GCTGGAGTAG	GCTCATCCTT	TGCACAGTTG
160051	TCACAAGGCG	ACCAGGGGAC	TGGGGAAATT	TATTGTGAAG	AATTCITTTTT
160101	AAGAAAATGT	ATTGTTTTGT	CTTAGTCAAG	GTTTCTATTTC	CTGCACAAAC
160151	ATCATGACCA	AGAAGCAAGT	TGGGGAGGAA	AGGGTTTTACT	CAGCTTACAC
160201	TTCCACCCTG	CTGTTCATCA	CCAAAGGAAG	TCAGGACTGG	AACTCAAGCA
160251	GGTCAGGAAG	CAGGAGCTGA	TGCAGAGGCC	ATGGAGGGAT	GTTCCCTTACT
160301	GGCTTGCTTC	CCCTGGCTTG	CTCAGCCTGC	TTCTTTATGG	AACCCAAGAC
160351	TACCAGCCCC	GGGATGGCAC	CGCCACAGT	GGGCCCTGCC	CCCTCTATCA
160401	AGAAAATGCC	TTACAGCTGG	ATCTCATGGA	GGCACTTCCC	CAACTGAAGC
160451	TCCTTTCTCT	GTGATAACTC	CAGCCTGTGT	CAAGTTGACA	CACAACACCA
160501	GCCAGTACAT	GCTTCAAAGT	TTTATGCATA	TGCATATATA	CTGTGTATAC
160551	AAACACACAT	ATATGTGTTT	ATGTGTATAT	GTATCTATAT	CTCTCTCTTC
160601	ATGTATATCT	TAATCATACA	TACCGGTCCC	TCAGTCCCTC	CTTCAAACTC
160651	GTCTCTTTCC	CTACAAATTC	ATGTCTCTTT	TTAAATTAAA	AACCAAAAGT
160701	TTAAAAAGTG	TTGAGTCTTT	ACAGAGGGGC	ATGGCTGGGC	AGCCTGCCAG
160751	TGGCCACCGC	TCAGAACAGT	GAAGAATCTT	TAGCTAGTAG	AAAGTTACTT
160801	CTGATCAGCT	TCTAAAGGAC	TGACGGTGAC	TTCCAGGAAA	CACAAGAATC
160851	ACATTAGAAG	AACCTCTTTT	TTTCTTTCTT	TCTTTCTTTT	TTTCTTTCTT
160901	TCTTTCTTTT	TTTCTTTCTT	TTTCTTTCTT	TTCTTTCTTT	TTCTTTTCTT
160951	GGAGCAGAAG	GAGAGTACAA	GACACAATCC	ACAACCTCTT	AAGAGTTTGT
161001	AAGAAGCTCT	CTCCCCCTCC	CCACCCCAT	CCTTTCAAGG	CCTAGAGTCA
161051	GGCCCCCTCTG	GAGATGAAGT	GGCTTCTCTG	CAGGGTATGT	CCTAGGACCA
161101	GAAAGCTGTC	CAAGATAGAG	GGCCAAAGAG	GCTGCTTGGA	AAGTAACAGG
161151	ATATCTCAGG	GGGTCAAAAC	ATCCCAAAC	CAGGAAAAGC	CCCTCCCCGC
161201	CCCCACGCCA	GTGTCTTTTC	CTCCTCCTCC	CTGCCCTGTA	AGGCGGAAC
161251	AGCTTTGCAT	ACAGAACAGC	GATGTCACCG	GGATTACAGT	CAGGATGCAG
161301	AGCAGAGAAG	GCAGAGAGCC	GAGAAAGTAT	AGGCAATTCA	CAGGGTTCCG
161351	AGAAAACAGC	TTGTGAACAC	TTACCATCGC	TGGCTATCCT	CTGAAATTAC
161401	GGTTGTTATT	TTATTTTCAT	CTCTGTGTAA	CTAGACTGCA	GTGTTCTTTA
161451	AGGCAGACAT	CATCAACAAT	TTTTTAAAAAT	TCAAGCTTAG	AAGCCATAGC
161501	GTAGCACAAG	GTGCGTATCA	GCCACCGTGA	GTTCTGTGGG	CGTGCAGAAG
161551	AATTACTGTA	AAACCCGAGT	CGTACTTTCT	TAGAGTTTCA	ATTGTGACTA
161601	GCGGGAGTCA	GGAGCAGACC	CGTGCAGTAG	AAGAGCCTGG	TGATCCCTCC
161651	TGTCGCTGTG	CACGATTTAA	TTTGGGTGAT	AGTCTTAAAG	GGACACAGTC
161701	CATCGTGATG	GGGAAGGTGG	AGCTGCCAGA	ACAAGTGGGT	GCTGGTCCCT
161751	TTACATCAGC	AGTCTGGAAG	CAGAGAGAAC	AAAGAGAACAG	GGAGTGGGCC
161801	CTGGCCCTAA	AATCTCATGG	CTCATCCTCA	GTGGCATCTT	TTCTCCATCA
161851	AGGCTCTTCC	TCATAATGAG	CCGGTGCTCT	TCCCACTGCC	TTGCGAAGAT
161901	GTGGACAGTC	GGCCCTCCCT	CACCAGATAC	CGAGTGGCAG	CCCTTGACCT
161951	AGAATTTCTA	GTATCCAGAA	CTGAGAAATA	AGTTTCCATT	CATTTATAAG
162001	TTACCCAGGC	TGGGCTGGCA	AGATGGCTCA	GTGGTTAAGA	GCGCCGACTG
162051	CTCTTCCGAA	GGTCCCGAGT	TCAAATCCCA	GCAACCACAT	GGTGGCTCAC
162101	AACCATCCAT	AACAAAATCT	GATGCTCTCT	TCTGGAGTAT	TCTGGAGACAG
162151	CTACAGTGTA	CTTACATATA	ATAAATAAAT	AAATAAATAA	ATAAACAAC
162201	AAACAAAAAA	AAAGAAATCA	CTGCAAAAAA	AAAAAATAAG	TTACCCAGGC
162251	TGTGGTATCT	TGTTATAGCA	TTATAAATAC	AAGCCATCAT	GTGTGTCATA
162301	GTAATTATAT	ATAATCTTGA	TTTGTTAGTG	TAGTACAATT	TAAGAGATCA
162351	GTATGGTTTG	TAATAAGCTA	GTTATAAAGT	ATAAGATGAA	AAATTTGAGC
162401	TATTTTTTAA	TAATCTCAAC	ATTTTAGCCT	ATATATAGGG	AAAGTGTAAT

162451	AGTTCCTCTC	AGACATCCTA	GGTTTATGGC	CCAGTCTCAC	ATTAAAAGAC
162501	AAATGAAGAA	AATATACAAC	TTAAAATAAG	TTATTTTGG	TGTGTGTGTT
162551	ATAGTGTGTA	CTGTGCAGTA	CCCATGCACA	CACATATAGA	GAAAGCTATA
162601	TAGATACATG	GAAGCTAACA	TTCTCCATCT	CATTATCTTT	TCAAACGTAA
162651	TTTATTATTT	TTTTATTCCT	GTGAATGTTT	TGCTTGCATT	TGTGTCTGTG
162701	TACCATGTGT	GTTCCCTGGCT	CCCACAGAGA	CCAACAGGGG	GCGTCAGCTT
162751	CCATGGAACCT	GGAGTTTCAG	AGAGTTGTGA	GCTGTCACGT	GGGTCTGGG
162801	AATTGAACCT	CAGTCCCCTG	GAAGAGCAGC	TAGTGATTTT	AACTACCGAA
162851	CCACCTCTCC	AACTTCCAAA	CTTAATATAA	GGTTTATGAC	ATGGATGTCT
162901	TTCTAAGGAA	ATTTCAGACCC	AGGGAAGCAG	TTGGACTTCT	GCCTGTTTAT
162951	TTAGGTCTGA	GGAAATGAAG	ACAGTTGTTG	AGAGATAGTG	TAATCCAGTG
163001	GTAGGAGTGG	GAAC TGACAG	GGTCTGCACA	GGTCTCCTCT	GTGACCACCT
163051	CTTCAGAGAC	AGGAGCCACT	TTTTCTTCCG	CCATAGGCAG	GGGTGTCTCA
163101	CAGGAGGCTC	TTACAATCCA	CTTCAAGGAA	GGGGCAGGGA	GAGGTGCGGT
163151	GAGCAGCCTG	CCTCTGCTAC	ACCCCCAGAC	TCTGGAACGG	GGCACCTGAA
163201	GGCCCGTCAC	CACCACAGGA	AATTCATTTC	TCTGGTGGAG	AAGCACTGGC
163251	CGCTCTCCTC	ACTCATTTC	AGAAAGTCAC	AATTTCTTTG	CTGCCACCAA
163301	TGCTGGAATC	CAGGGTTTCT	TGCAAGAAGC	CGAACAAGGA	AGAGAAGTTG
163351	GATTGTGTGC	GTGTGAATAC	ATTACAATCT	TTTCAATCCC	CGAGTCAACT
163401	GGAGAGAGTC	TTTTCAAATT	ATTACTGCGG	CTGGCCTGTT	CTGTCTCAG
163451	TTAGCAGAGG	CTGGGGGTGG	GTTGGTGGAC	TCAAATGCCC	TCCCCTAAGT
163501	GCCTCTCAAG	GAACCTGGGA	GGATAGTTTC	ACTCCACTGT	TTAAATAATC
163551	TTTTTGTTTG	TTTATCTTTC	GGTGAGTATT	CTATTTCAA	GTCTTTTACT
163601	AGATTATTAT	ATAACCGTTT	TTTTTCCCCT	TTTGAGCGTC	TTCTATTCAT
163651	GTGCTTCTTG	ACATTAAGTT	CCAAAATCTT	TCCTTTGTTT	TCCCACAATC
163701	TGTTAGATTA	TAGATGGTTC	TGTTTTTGCC	AGTGCTGTAT	TAAAATATTC
163751	TCCAGATAGG	CCGTCTTTGT	CCTGACACTT	GGCTTTTCTC	TCCTTGTGCT
163801	TGCTAAGGCA	TTCTTGACGA	CTCTCTCACT	TAAGTGTAGA	GCGTGTTTCA
163851	AAGAGACTAC	TAAAAGCTTT	GGCAGAACAA	CCACATCCCC	CCCTCCTCAC
163901	TGTTGCCCTAG	CCGGTTCCAC	ACCACACAAG	ACTATAGGAC	ACAGAAGGCT
163951	CTATTAGCAA	GTGGGAAAAA	AAAATCACAG	CACAGCCAAA	TCATCTTTTT
164001	TTTTTCTTCA	GTCAGTCAGC	ATTTATTGAG	GCCATACTAT	GTGCCAGGAG
164051	TTAAGTTCAGT	CCGGATTAGT	CAAGTATAAG	CTCTAAGTGC	TTCTAAGGAG
164101	AAGGTTTTCC	AGGGCTGGTG	AGATTACAAA	CGATCTGGTC	TCTCATACAA
164151	ACTGAGGGCT	TCCCATGGAG	CCTGGTGGAT	CAGTTGTCTT	CATTGGATGT
164201	TGTCATCATC	ATTAGATGGG	GCTGAAGAAC	TGAGCTGTGC	AGATTCATTTC
164251	AGCAGCACTG	GATACACAAG	AGGGAGATGC	CTGTGGGTGG	GGTGTGCTTG
164301	TCACTTCCTT	TTCCAGAGAA	TTTGCCCTCCT	AACCCCATTC	AGTGTCTCAC
164351	GTCTGAGGCT	GATGCCATTA	TTTCAACTTC	TCATGTGAGG	AAGCCGAGAC
164401	TCTGACCAGC	CAACATAGCA	TCTCACTCTA	CAGATACTCT	GAAACATCTC
164451	AGTGGGGTCA	AAGCCGGGTA	AAGTCTGGTT	TCTACCTTCT	CTGCCGGGTT
164501	GCTGGTTTTC	TCTGCCTCCA	AACTAGAGTG	CTTCATCCCT	CTACTCCAGT
164551	GGCCGTCAAG	ACAAGTGACT	GAAGTGTTAA	AACCTAAAGT	GCTACATTGC
164601	GGGCAGTGTT	ATATTTTCCT	CATTTTCTCT	TATGCATATG	AATGTTTACC
164651	TGCATGTATG	CCCTTGTCTT	GTTGGCARGG	AGGCCAGGTG	TTGGATCCCT
164701	GACCCCCAGA	CTGTGGTCTG	AAGGTGCTTG	TCTGCAGGGG	TCCTGTGGG
164751	GACTGAATCC	CTAAATCTAC	ATGTGAGGGG	TTTGAAGCAG	TGATGGCTGAG
164801	CTGAGGCCAG	GGAAACAGGG	CTCCCCTGAC	GTCACCTGAT	ATGGTTTTTAT
164851	AAGAAGAGAG	ACAAAGACTT	ATGCTGCCTA	GTTTGCTACC	TCATAATGTA
164901	ATTAATTTTT	TTTTTTTTTT	TTTTTTTTTT	GGCTGTCCCT	GAACTCACTT
164951	TGTAGACCAG	GCTGGCCTCG	AACTCAGAAA	TCCCGCTGCC	TCTGCCTCCC
165001	GAGTGCTGGG	ATTAAAGCCG	TGCGCCACCA	TGCCCGGCTT	AATTAATATG
165051	TTTTATCACG	TCAAGAAGCA	GTAAGAAGGC	CCACACCAGA	TGTCAAATAG
165101	ATATTAGGAG	TATGCTCTTA	TGCTGCCCAG	ATTCCGGAGC	CCCAGACAGA
165151	GAGACAACCT	TTAATTCCTT	ACAGAGGATC	TGGTCTCATA	GTTAGCTTAA
165201	CTGTCAGCTT	GGTATAGCCT	CGAGGCACCT	GAGAGATATT	CTCCACTAAG
165251	GGGTGCCCCG	GGGCGGATTT	GGCCCATATG	AGTATATGGG	GATTGTCTGT
165301	TGGTGTAGAA	GTCCCCAGTA	TACTGTGTTC	ACCACTGTTC	CCTGGCAGGT
165351	GGTCTGTGTC	TCTGCACAAA	GGCTCCTAGG	CAGGAACCTG	TGATGGATGG
165401	AGTCAGCAAG	CAGTGTCTCT	CCACGGCCTC	TGCTTCAAGT	CCCTGGTTTT
165451	GTTCCTGCCC	TGACTCCTCT	CACCCATAGG	TGTCCTGGAA	GTACAAGCCA
165501	GATACACTGT	GTCCTCCCTG	AAGTTGCTTT	TTGTTGAGGT	ATCTGTCACA

165551	CAGGGAAAGA	TTAAGGAGTG	CACCTGATCT	TTTGT'IAAGG	CTATAGAAGG
165601	CAGACTAAGA	AACCCATTAC	TGTCTATAGT	TTT'ICT'FACT	TT'AGATT'TC
165651	CTTGGAAAC	TAGCAGATAA	GTCTCTGCCT	GACCTTCAGT	GACAATGACT
165701	CTTAGGAAC	TTC'FAGTGCT	T'TCTGTGTCC	TGTTTGCTGA	ATACAAGCAG
165751	T'TAGCTAGTC	ATTTCACCAG	ACTGAAGGCA	GTTT'GTTCIG	GTCACTAGCC
165801	AGGTAGCA'IC	'IAAC'ITGTCT	GGTT'FCGGCT	GCAT'ITAT'I	GTTGCCGT'IA
165851	GTAAC'TATTA	'TAATAGCAAA	T'TTCATGTGG	GAGCACACGC	CCTTCCTTCC
165901	T'TCC'ITCCTT	CCTTCCTTCC	TTCCT'ITCTC	TCTCTCTCTC	TCTCTCTCCC
165951	TCTCTCTCTC	TCTCTCTCTC	AATGACT'GGA	AATTCAGTC	TTGCATGTCC
166001	CCATTAAATA	CAGGAA'TAGA	CCTGTGATTA	GACCC'ITTTGG	AACCCATCTT
166051	TGCTC'FAGGGC	CAAAT'CTTTA	T'TCAAATGAG	GGAAACTTGA	AGAGTGAAAG
166101	TCTGAAGCCT	TCAGGATTGG	TCCCCTCTGC	ACTGATGTTT	CCAGGCTCAG
166151	TGTCCAAGCA	GACAAAATGA	AAGCCACCTC	TCCCACAGAG	CCCAGCGCT
166201	CTCTAATCCA	GAGCCATCT'I	T'TCTGGCTGA	ACAAAATAA'I	ATTCTGTACA
166251	TAGTGCTTTG	AAC'ITTTGGT	CAGGT'TTGGC	CAAGTCAGTT	T'TGTGCTAGT'I
166301	TAGAGTCACC	TGAGGAAGAA	AGGACCCAG	CCAAGGGCTT	G'TCTCCCTCA
166351	GACTGGCCTG	TGGGCATGTC	TAGAT'TAGTG	AT'IGATGTGG	GAGGTCTCAG
166401	TATACTGTGT	GTGGGGCCAT	TCCAGGGCAC	ATGGT'CCT'GC	G'TTCTACGAG
166451	AAAGCAGGCT	GAGCAAGCCC	TGGGGAACAA	GCCAGGAAGC	AGCCCT'CCCC
166501	CATGGCCTCT	GCTCTCACTC	CTGCCACCGG	GTTCCTGCCC	TGCT'I'GAGCT
166551	CCTGCC'TTGG	CT'TCTGTCCA	TGAACCTGGT	GTAGAAATGT	AAGCCAAATA
166601	AACCC'ITTC	CCTCCCCGAG	ACTTTTGGTC	GTGGTGI'ITA	T'TACAG'IAAC
166651	AGAAACCAGA	TAAAGAAGAT	GGCGAG'ITCC	CCACACGTCA	GTGTGGTCAA
166701	CAC'TGGCTCC	CAGGCACGCC	ACACTATT'IG	GGGGGTTTGG	GGACCTT'TAC
166751	GAGATAAGGT	AGG'TAGGGTT	GGTTCCTGGG	AGGGCATGCA	TGCC'TTGAAG
166801	T'TACTTCTGC	TCACTT'PCT'I	GTCCACCATG	ATGCGACCAG	CC'TT'T'CTGT
166851	CCCATGCTCT	G'IT'TCCATTT	GGCT'IAATCT	CACGAAGCCA	ACTGACTTGT
166901	GACCGAATCC	TCCAAACCAT	GAGCT'AAAAG	AAATCCTGTA	ACCTCCTGTA
166951	AGTGGT'PCTT	AT'CAAGTCCT	TGGTCCAGGT	GTGCAGAAGA	AACTAATATA
167001	T'TTACTAAAT	TCTGTGCCTC	TGCCCTGGTC	CACATCTCTC	TTCTAGGTTA
167051	ATCTCTAGCC	CACCTGCTGG	GCTGGT'TGTT	AGCTTAGT'IC	TCTCTTGACC
167101	CTTCGTTTGG	TTCATGGAGA	TATACAGAGA	TGGTGGGGGT	TCTTGCTGCT
167151	GCCT'TCT'GCT	CTGCACCACT	CTCTCAGCCT	TCCATTTGGA	CAGTCTGCAG
167201	TTTTCTATCT	CTGCCCTCTT	TAGGAGGCGC	ACAGTTT'TAA	AATGAAATCA
167251	AGCTT'TCAAT	AGAAAGAAAC	GCTTATTTAG	TGCACGTAG	GAGGCAGAGG
167301	GCCAGGTGGT	AACAAACTAT	TGGCTGCCGC	CTGAT'TTCTT	TTGTAT'TGTT
167351	GCTGCC'TTGC	CATGGAATAT	AGAGTGTAGA	AGTTGGGAAC	T'TGTGGCTTC
167401	AGTTATCCTG	TCTTGTGTGA	CCTATGACGT	AAGAATAGAT	TGTGTACGTG
167451	TACATTTATA	TACAAATGTG	TGTGTGTATA	TATGTATATG	TATGTATGTG
167501	TATGTATGTA	TGTGTGTGTT	GTGTGTGTGTT	GTGGGTGTTT	GTGTGTGTG
167551	TAAGTGTGTA	TGTGTGTATA	TGTATATATG	TATGTGTATA	TGTGAGTATA
167601	TATGTGTAT'I	GTGTATGTTT	GTGTGTGTATA	TAAGTGTATA	TGTATATATA
167651	TGTGTGTGTG	ATGTGTGTGA	TATGTGTGTG	TATGTATATG	GTGTGTATG
167701	TATGTTGTAA	TGTGTATAT	GTATGTGTGT	ATATGTATGT	GTATATGTGT
167751	GTGTGTCCAT	GTATATATGT	GTGTGTCTGA	TACTTTCCT	CTGTGGCAGA
167801	GGCTGGCTTC	CCATTCATGA	TCTGCCTGTT	TCAGCCTCCT	GAGTGTGAG
167851	GTTACAGCTG	TGTACTTGTA	ACCTGACTTC	TAAGAATGGT	TTATACTTCC
167901	T'ITTTT'TT'IT	T'CT'ITTCGTG	AAGGTGCAGA	GGAACAAACC	CAGGCTT'TGC
167951	ACACGC'FAGC	CAAAATCTCT	GCGACCGAGC	TGCACCTCCA	AGTCCAATTT
168001	TAAGTGGCCA	AAAAGACGGA	AAACAGTTTG	TCATGGCAGT	TCAAACCCAG
168051	CGTGCAGAAG	TAAAGTTT'TA	CTGGAACATG	CAATGCTCTA	TTTGT'IAACA
168101	TGCTGT'CTCT	GGCTGCCCTC	ACACCACAGC	AGTGGAGTTA	AGCAGCTGCA
168151	ACAGAGCTCT	TGGGGCCACA	CAATTCCAAA	TGCTCCAGTG	AGAAAAGCCA
168201	GGAAGCCTGT	GACTCCTCTG	CTGGAGTCTC	AGTGC'TGGGT	TAGAGCAGGT
168251	GCTCAGAGTT	AAT'TGTTTGG	GAGGAAAGCC	TAGAGGGACT	T'TCCTGAGGT
168301	AAACAGTCCC	TG'F'GGAGCCC	GTCATTATCT	CTGCCACTTC	T'TTGAACCTG
168351	GGT'IT'CGCCA	GAGGAGATTT	GTCATACCAG	ACCCAT'TGAG	CCTTT'ICTTT
168401	CT'TTCTCTT	GCGTGCAGAA	GAGGAGAGAG	AGCAT'FGGGT	AACGCTAACT'
168451	GATAGTGCCT	TTGTGCTCTG	CTCACTCACA	CGAGGATCTG	GTTTCAGGGT
168501	GCACCCAGT'I	TAGTCTCCAG	GTCTTGAAGT	ACTGGGCTGT	GAGGTAACAT
168551	TGGGGT'TTAA	GTACTAACC	CACAAAGAGT	TATGCAAGGT	CTGCCCCATG
168601	AAGCCTTGCT	TTT'TGT'PCT'I	GTCCATCGGG	TACT'ITATAC	ATTCCCACCC

168651	AACCGTCCAT	CTTGGCTTTG	TCTCATCTC	TTTGGGAAGGA	AACCATTAAT
168701	TACCAAACTCT	CAAGAAGTCC	TAACAAGTGA	TCTTAAGCAA	AGTTGAGCAT
168751	CTCTTCTGCA	ACCCGAGCTG	GTCATTGTGC	GGGTTTTGCC	TTTTATTTTG
168801	AGGTGCACCT	GAGTTGGGTT	CTCTGCTTCC	TATGGACTGG	TTAACATGGA
168851	CAGTGCTGTG	GGCTCTAAAA	GGCATCAAAA	AGATGACATC	AGAAACTGAA
168901	TGGAGCGAGA	GCCTTTCTCC	TTCAAGAGGT	TGCTATGTGG	AAAGAGGCCCT
168951	GGGAAITGTG	GATTAGTGTG	TTTCCCTTCC	TTTITTTTTT	TTTTTTTATG
169001	GTGCTGGGA	TGAACCCAG	AGTCTCACAG	ATGCCATAGC	ACTGAGCCAC
169051	ATCTCTAGCC	CCTGGATGTA	AATTTCCAAA	CAGCTTACAG	AGAGGGCTAC
169101	AAAGAAATAA	CAGTGAGACA	GGTGTACCGG	CTTCTACCTT	TAGCCCTATG
169151	ACTCCAGAGG	CAAAGGCAGA	TAGAAITCCCT	GTGAGTTCAA	GGCCAGCCTG
169201	GTCTACATAG	CAAGTCTTAG	GTCAGGCAGA	GTGAGATAAT	GAGACTCTGT
169251	CTGGGAGAGA	AAACAAAACA	AGAGGCAAAG	GAAAACAAAG	CGCTAGTGAG
169301	TCTACACAC	AGTACACACA	CACACACACA	CACACACACA	CACACACACA
169351	CGACACACA	CACACACATA	CACACACAGA	GTCTGTGTGC	CCCAGGCTCC
169401	TGTTCATGGA	CTTTGCCGTC	TTTACGACAT	GACTTCTGTT	CTCATGGTCC
169451	TATGTTGCCT	CTGGAGTCAT	TCTAGAAGAG	AGAGGAGACA	AGAGAGAAGA
169501	CAGCAGAAAG	GGGGAGTGAT	ACTCCCTGTA	CCCCAAGGAG	AGCAGCTGTT
169551	TAATCAAAACC	CCAGTGCCCT	GGTCTTTTGG	GAATGGTAAC	CACACTTTCT
169601	AGTGGCTTTG	AAGGCCCTAG	CTTCCCGTGT	TGATGATCCA	GTTCCCCAGT
169651	CGAGCCAGC	AGGGCTGTTT	TGGAAGAGAG	ACATTTATCA	GTCTTCTTCT
169701	TCTGATGTA	CAACACCATG	TCTTTTCACG	TGCAGTTACT	ACCTCCCTCC
169751	CTCCCTCCCT	CCCTCCCTCC	CTCCCTCCCT	CCCTCCCTTT	CTCCCTTCCT
169801	CTTCTCTTTT	CCTCTTCTTT	TCTCTCTCTT	TCCCATCTCT	TCTTTCTTCT
169851	TTCTTCTCT	TCTCTATCTT	TCTCACTCTT	CTTCTCTCTT	TCCAACACTC
169901	CTATTTCTTC	ATCTCCACTT	ATTCCCTTCA	CATTCTTTCT	CTTTTCCCTT
169951	ATCCTCCTCT	CATTTTCTCT	TCCCCCTCTT	TCTTTTCCCT	TTTACCCTCT
170001	TACCTTCTT	TCTTACCTCC	TCTTCTCTTC	TCTTTCCCTT	CCTTCCCTTC
170051	TTTCCCTTTT	TTCTCTATTC	TCTCTTACCC	TCCCTCCCTT	CCTITTTTTT
170101	CCCTCCTTCC	CATTCTCTCT	CTCCCTTTTA	TGCTCCTCCC	TTTACCCTTT
170151	CCCTTTCTTC	CCTTTTCTTC	CTTTTCTCCT	CTCTTCTTTT	CCTTTTTCCT
170201	GGCCCTTTC	CTTTCTTACC	TTTCTCCCTC	CCCTTCTTTT	CTTTTCTTTT
170251	CCCCCTCTTC	CCCTTTTCTT	TCCCTCCGGC	CTCTTCTATC	TTTAGCCGCT
170301	CTCTTTTTTT	TTTGCCACCT	CTCTTCTTTC	TTTTTTTATC	TCTTTCTCCC
170351	TATCTTTTFA	CCTTCTCCTT	TATCTTTTTC	CATTCTGTTC	TACCTTCTCC
170401	TATATCTTTT	ACCTTTTCTT	TTTCTATCTG	TCCCTCCCTC	TCCCTCTCTG
170451	TCTCCTCCCC	CTTTCTTACC	CTTCCCTCTT	TTCTTGCTGT	TCTCCTTCTT
170501	CCATTTTCTC	TCCCCTTTCT	TCTCTTCTCT	CCTCGCTGTT	ATTCTCTTCT
170551	ATCTTCTTCC	CTTCTTCTCT	CTTTTCCCTT	TCTGTCCCTT	CTTTGTCTTT
170601	GTTCCCTTTT	CCTCCCTTCT	CTCAXXXXXX	XXXXXXXXXX	XXXXCCTTTT
170651	CTGTTTCTCT	TTCTTTTCTT	CTTTATTTTC	AGTCTCTGTG	TCTCAAAAAC
170701	AAACAAACAA	AAATCAACCA	AAGAAACAAA	ATGAAACAAA	ATCCCAAAAC
170751	TCCAACAACA	ACAACAACAA	CAACAAGAAG	CACCTTCATT	TTTCAAGTCCC
170801	AATATAATCT	TTTCTCAAAG	CCTTTTAATA	TTCTATTGAA	TTTGGAGTGG
170851	GTTTTCCCTC	CCTTGATTCT	CCCTAGATTI	TTGTAGTACT	ATTITTAACCA
170901	TCTTTTGTCA	TAGTTACCTG	TAATCGTCTG	TAACCCCCCT	AATAACTCCT
170951	CACCATCGGT	TGCCAGGCC	TCTGCGGAAG	TGACAGCCGT	CACAGAACCG
171001	TGTATGGGAA	CTTAAACTTG	AAGAAGTTT	ATGACTCACA	GTCTGAGGGA
171051	GGGAACATGG	TCAACAATGG	CGGGAAAGGC	AAGCCACAGA	AATGGCTCAC
171101	GGCAGTAGTA	TCAGAGAGTC	TCTATGGGCT	TAGATTGACC	ACCAGTAGTC
171151	AGTAAGTAGA	AGACACTGGT	CCAGACTGGT	CCAGAAAAGG	TTTATGATAC
171201	AACCCCCAGA	ACTTCACTTC	CTCTAGTGAA	ATTCCACCTA	AATAAAGGTC
171251	TTACAATTTT	CCCAAATGCC	AACACTAACT	GGGAACCAAC	TGATCAGACA
171301	CATGAGTCAG	TAGGGAGATT	TTTTTACATG	GACTCTGTAG	GGCTAGGGTG
171351	AGGGCTGAAG	TTAAGGACTC	TGGCTTAGAC	TGTGAGGGCA	GCATCACCCT
171401	CAATTTCCCT	CTTTGTCTAG	CGCCCCACAT	CTACTGGATT	GCTTCAGATC
171451	TAGGGTGGCA	TGGAGACTTC	TGTTTGTTC	CCCACCTTAA	CAGAGAAAGG
171501	ACAAGCAAAG	TGTGGGTTCT	AGGCTGCTGC	TGCTGGGCCCT	GGCACTGATC
171551	GACAGGCCT	GGAAACTGCA	GGTTCTGTAT	CCCAGGCTGT	GAGCGCTTGG
171601	CTCAAGTTCC	GCAGTGCTCT	TTGTAGAGCT	TTCTTGCGAA	GAGTCTTGGC
171651	AACCACAGAG	CCATCTCCCT	CACTCCACTC	CCCCGTGTTCT	TCTTTTACTC
171701	TTCTGGCTAG	TCTTCTGGGA	ATTGGGTTTC	ATAGAGCAGT	GCTCACCAGG

171751	TCTCTCCACC	CTCGCCTGCT	CCCCCGGGCT	TTCTGTTGCC	TCCCTTGCTA
171801	GTGGAAACAG	CTCTCTAAGT	AAGCGCACCT	TTCTGACCTG	TGGTGACCTT
171851	CCAAGGGGGC	ACAGCCGCCT	GCTTTTGTAGT	ACCATCTGCT	CTGCAGACTG
171901	TTGAGAGCAG	CGGTCTCAT	TCCATACAC	AGAGCCCACC	TTTGTGACA
171951	GTCACGCTCT	GATCCATTTT	ACAAGTGGCT	TAAGTCATTT	ATGTCGTTT
172001	TGTTTTACTC	ACTCAGGGAT	CGAGAGGGTA	GACCTCTTTT	TCATCATCC
172051	TGAACCGCAT	TTACACACCT	AGACTGACTC	TCAGAACCAG	CCAAATACAG
172101	GAFTTGGCTC	TCAGATGGCT	GTCTGTATGC	TGTGATCTTG	AGGGTGGGAG
172151	AGACAGGGTC	TAGCCAAAGA	TGGGGATAC	CTTCAAAAAG	GGCCAGAAGG
172201	CTGTTTCTCA	TTTGTTCATT	AAAGAAAACA	GGTGCCAAGT	AGGTTCCCTT
172251	TTTACAAATG	CTTCTTGTAG	AGATCATTTG	ATAAAAACCT	GCGGTGTAAT
172301	AGAAGTAGTT	GCTCTAGGCT	CCAGTTTGA	CTGATTTCTG	TTGGTTCTGC
172351	AGGTCTGTGT	GGGCCACACA	GGGGTTTCGG	GGAGCGGTAA	CTATCCACGG
172401	CAGGGTGTCT	TGATGCTGGT	GGTGCTTTGT	TGTTTTTAGA	GTTGCTTTTA
172451	TTTCCAGTAT	ATGAGTGTFT	TCCCTGACGT	TATGTATGCG	CACCACGTGT
172501	CTGCCCCGTG	CCCGAGGAAT	TTAGAAGAGG	GTGTACATC	TCCCTGGACCT
172551	GGAGTGAGGG	ACGGTTATGG	GCCACCATCT	GAGTGCTGGG	AACAGAGCCC
172601	AGGTCCCCCTG	AGAGAGCAAC	AAGTGCTTGC	AACCACTGAG	CCATCTCTCC
172651	GCGCCCCCTG	TTGTTACTCT	TAAGTGATTA	AGACAGGAAG	CAGTAATGCA
172701	GAGTTCCACG	TACTCTGCTC	AGCTTCCCAA	GGGTAACACC	ATCAGTGACC
172751	ACGGTGCATT	GTTCACATAAG	CTGGAAACATG	ATTTGGTGCA	GCATGGCAAG
172801	AGATGTCACT	AGGATCCAGT	GTACGTATAT	GTGTGTGTGT	GTGCATCTCT
172851	GTGTGTCAIT	CTGTGCACCT	TCATCTTTCA	AGTCCCCCTG	ATTTGTAACA
172901	TGGTCGTTTG	TCATGAAATT	AGTTGGAATT	GCTCATGTGA	ATAAGGAGAC
172951	CACACTGGAA	GTGACGTCAC	TGGAAGGGAA	GTCTTGCTTT	AACGTTTTTT
173001	TTTTTTTFTT	TTTTTTTTTT	TTTTAGTGAA	GGTTTCTGGA	TCAGGAAGTA
173051	GAGAGTCAGG	TTCTAATTCC	ATTCTCTAG	CCATCCAGCT	GTGCTGTTTC
173101	GATCACATCA	CAAACATGCT	CAGAGCATCC	CTCCCTCATC	TCTGAATGGA
173151	GGCGCTAAGC	CAAGCAAGAC	TCITGATTCC	CCTTTTCCCT	TCCCTAAATC
173201	CCTCATAGCT	GCTGCTTTTC	AGCAGAGCAT	GCCCTGCCAG	TCACTGAATT
173251	GTTGTGCGCC	CAAACCTCAG	ATGGACACAT	CCCCTCTTCT	TCCATTGCTA
173301	CACCTGTCTT	CAGTAGCAGT	GCTGTCTGCC	CCAGGGAGCC	CTCTCTGTCC
173351	TCAGTGGCAG	TCTCCACTGT	CCCCGGGAGC	CTTCTCTGTC	CTCAGTGGCA
173401	GTGCCCCACTG	CCCCAGGGAG	CCCTCTCTGT	CCTAAGTGGC	GTGTCTATGC
173451	CCCCAGGGAT	CCTTCTGAAG	TCTGCCCTGT	CTCATTACTC	ATCTGGGTTT
173501	GTGGAATAGG	TTGCATATGT	GCTTTCTACC	AACAATTGTC	TACATAGCAA
173551	GCAGAATTTA	CAAAGCAGAT	CCACTTCGGT	GGCCCCCTCGT	GGACCTGGAG
173601	GAACAGTTTCG	CCCCAGCTCC	TCGTGCTAAT	CTGAGTGTC	GCTATCAGTT
173651	TCCCTTCCCTC	TGCCCTGGCCA	CCAGCCACGT	AGGCTCCGTG	CTGTTCAGT
173701	TGCCGAGTCT	GTGCCCTCCCT	GTGGTCTTGC	CTACCTGCTT	GCTCACACTA
173751	TCTCATGTTC	TCTCTGCTA	ATTAGCCCCA	TCTGTATCT	TGCTGCGACA
173801	CCTCTCCAGT	GAGGCTACTG	TATCAGCTCC	CTCCCCCAAG	TCACTTTCCC
173851	TTATGCCACC	TCAGGCTGCT	GCTGCTGCCA	CAGCGTGTA	TACCATATGA
173901	CTTGGCTATC	CTTGGCTGTG	ACTAGACTGG	CGAGCTAACC	CTCCCCAGAC
173951	TGCAGGCTCC	CCAGAAAGGT	TTGCCCTCAGC	TGCCCTGGTT	ATGCTGCATT
174001	AGGATAATTTC	CCTGGCCAAA	GAAGCCATCA	ATAATTGTTG	AACATGTGCA
174051	GTAATGGACC	AGATAGTCAT	AATAGTTCTT	GAAATTGAAA	AAGTAATTAA
174101	ATTAAATAAT	TTTATGGTAA	AATGATTAAT	TTTTTGGTAT	GTTTTGGATT
174151	CTTCTGGGAA	CATTCTTAAC	AGATTCCCTAT	ATAGATTCTT	TTTATGTGTG
174201	TGTATTGACA	AAGGGTCTTT	TCTGAGGCAG	AACCTTTTGA	GGTGATGACC
174251	ATAAGGTTTC	TGTGCCCTGA	TAAGAACCAG	GGGCCTTGAA	CATGCTAGGC
174301	AAACACATAC	CATCACCGAG	GCAGCTAACA	CACCATACTG	AGCCGCATCC
174351	GAGCCTCAGC	TAACACACCA	TACTGAGCCA	CATCCCAGCC	TCAGCTGTGG
174401	TTTTGCTTTA	GAAAAATCAG	GGTTTGACTT	TCTTGGCCTT	TCCGAAGCGC
174451	AGGAAACTCA	GGATCATGTG	GTTTGACATT	GAGCCAGATG	TGCTTTTGCT
174501	GTCAGCCTGA	ATGCCCTTCT	TTCCTTTTGA	ATTTAAGATG	TCAATAAGGG
174551	CTCGAGCTGG	GAGCTGCTGA	TTCTCTCGTA	TAAACCGAAA	GACGAGGTTT
174601	ACGTCTCTTG	CTCTCTTCTT	AAATCTTGT	TTAATTCCCA	TTTATTGATG
174651	GTCAGAACCA	CACAGTGAAA	CTGCCACTGT	AAACAGGCTC	CCAGACTTCA
174701	GCACAGCTGA	CTCTATGATA	GAAGTACCAT	TTAGGCCTTG	AAACTCAGTG
174751	CATAGAAGAC	AGCACCATCA	GCCAAAGTGA	AAACAAAGAC	CTAATCCATC
174801	AAAGTCCACA	GTTCTGGGAA	AGTCTCTAAA	TGCACTAACC	TGGCTTTTGG

174851	GCTCCTGTAG	TTCCTCTTCT	GGCTAAC'GT	TATTGTTAAC	TGAAGTATGT'
174901	CAACCTAGCA	TATGTTTTT'	GTGCTTATAA	TCTTGCCCTG	AGAAAGGCTT
174951	GGGGCTTTGT	GGGATCCCCA	ACACCCAATG	TAGTCGCCAG	CCGGCTAATA
175001	AAGACTTCCT	ATTGGCTCAA	ATCCATGTCT	GAGTCGTCTT	CTCTGGTGAT
175051	GCCCTGCAGT	ATCCCTTGCT	TGCTGCCTGT	TTTGGAAGTG	TGATGGGAGA
175101	TGGAATATGC	ATCCCTGCGT	CCAGCGTGGT	TTTATGGGGA	GGAAATACTT
175151	CACATT'ICAT	TAACCAT'CC	CATCAAAGGG	TAATTTTCTT	TTCTGCAAT
175201	TCGGGAAGAT	TTATTTAT'IT	ACCCTTTTAA	AAATGCAATA	GAAAGCAACC
175251	TCCAGCGGCC	CAAGTGTTGA	CATTCTGGCT	TCTTTTGTTA	TGTTTTTTTT
175301	GTTAT'IGCTC	CTAATGAAAT	AATTTTCAAT	CAAGCACAAG	TGCACTTTAC
175351	AAAATTATAA	ACTGGCATTT	TCTTTTAAAA	GCATCGTACT	ATTTT'ITTC
175401	TTGT'TATGCT	ATTAGCTTCT	AGGGTGT'TTT	C'TGAGTTCT	TTCTT'ITGT
175451	TGATTTT'TAA	AGAGTCATGT	GTCAATCTGA	GTGTGAGTCC	AGTATGAAA
175501	TGGGAGTGAC	AGAAAGAATG	AGATACACTT	CAAGATCCCT	TCTGCGCTC
175551	TTCTCTTGTC	TTCTCTTGTC	ATGTTCTTTC	TCTACACCAG	GGGTGGACTC
175601	TAGCCTGCCA	ACCCTCTGCC	TTCATCTCCC	AATTGCTGGC	ATATAC'TACC
175651	ATATATGCCC	CAGCTCAAAA	TAGTAAT'TTC	CGTGAATTT'	TGTTTGT'TTG
175701	TTTTGAGACA	AGATCTCATG	TAGCTCAAAC	TCCCCATATA	GGATGACTGT
175751	AAAT'ICCTGA	TCCACCTGTC	TTTGATCCCA	AGT'GCTGCGA	TTATAAGTGT
175801	GCACTGTGCC	TAGCTTAAAA	TCATCCATTC	CCTTCCTCAG	GTCCAACCTT
175851	ATCT'ICTCTA	TGGTTTTGTG	GAGAGATAAA	TCTAACTTGA	AGAAGGTGAC
175901	'ITGGGAGAAG	GCCAAAGCAT	GAAAGGGCTG	TTTT'TCCCAA	AGCTCTCAT
175951	TGGCAGAGCT	GAAAATGGCT	GCTGTGGCCG	TGTGTGTGTG	TGTGTGTGTG
176001	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	AAACCAACAG	GTAAAAGAGG
176051	CTCACCTTT'	AAGGGCC'TTT	TGGCTCCAAG	ATAGAGCTGC	TTTGTATACA
176101	CCAAAGGATG	CTGTAAAGGA	AAGGACCGTT	TGCAATCAAG	TGTTTTCCTA
176151	T'ICTTGTAGC	ATCTGAGGAT	AATTTTAGAA	CTCCCCACTG	T'IAAATGCAA
176201	TCATTATTTA	GGAGTTAGAA	TATTTATAAG	TATGATGTGA	TTGCACATTT
176251	CATTTCTGTG	TTAGGTCTTA	CTGTGCTT	TTAAGTAGTA	TGATAAATTA
176301	TTTCTTGTG	TGTGGATGGA	CTGAGAAAGA	GTGTACATAT	AGTTTGCCCA
176351	GTCGCTGAAT	TTTATGACAC	GTCCAATTCA	CATTGATGT'	GTAGTTT'TGC
176401	CTTGGGTACA	TTTCAGCTGA	CTT'TGTGTA	CCTGAAATCC	TGTCAGAATG
176451	ATTGACTCAG	AGAACTCCTG	GGTCACGTAA	CCAGAGTGT'	TCATGTCCTG
176501	TGAGTTAAAT	CTGTGTGGAA	CCATCACTGG	ATA'TTAGACC	TGACTGAATC
176551	TGCCATTTTT	ATGAATGATC	AGGAGGAGGC	ACTTTTGCGG	ATTACGCCA
176601	TAGCATATGT	GGCATGGTTA	ATATTTCTGC	TCCCTTGTCT	TCTTTCAGTA
176651	TACTGGGCAG	CAC'TTGTCC	CCCAATTTGG	TTATTAAGC	CAC'TATTA
176701	TATAGCTCCT	ATGTCACAGA	TTAGAAATTC	AGCAGAAGTT	AGCACACGTC
176751	ACTGTCTATT	AGTTGAAGCA	ACAGGCCTGA	AAGATGCACT	TCTAAGATGG
176801	CTTCTTTCTC	AGTGCTTGCA	ATAGCTGACA	GCTGGGGTCC	TCTGGCTGG
176851	GCGCTTGCC	GGGTCTCTAT	CAAT'GCTACA	CTTCTCACA	GCGTGGAAAC
176901	TGACTTCCTC	AGAAGTTGAG	GGAAGAATTT	CAGGGTCCCA	GGTTTCTTGT
176951	AAAGTACTAC	CAGGCATAGT	GTGCAAGCAT	CACCTCTGTA	CACCCCTCAG
177001	AACACGAGTC	CTCTGGCATG	TTATGGTCAA	GGATGTCACT	AAGATCAGCC
177051	AAGGTTCAGG	GCCAAGTGAG	GGCAGAGATG	GAGGTATCTC	CATCTTTCAA
177101	AGGAGAACAA	AGAAAGGATT	TCAGGCCACC	ATCAACCCCA	TCAGAAAAGT
177151	AT'TTACCAAG	TAACAATTTA	TAAGTACCCC	CACCCCTGCT	CCTGAAGCAC
177201	AGCAGGCTAA	TGGTG'TGGTG	ATCCAGTGGC	CAGTCTGTGT	ACCAGGACCC
177251	TTCCAAGTGC	TGGAGTGCTC	ACTCACACAA	AAATAATCTG	CTGCAGCACA
177301	TCCT'TGTCAC	ATGATGAAGA	GCCTGACTAA	TGTCAACATA	TCTAGAAAGC
177351	TGTCAGTCTT	CTCTGAGTCC	TGGTACCAAC	TAGTTTGT'CA	TGAGAGAACA
177401	AACCATATAT	CCTCCAGCTG	GAAGGGGCAC	TAAGAGATCA	CACCGTCACA
177451	ATGATCACCT	TCCAGAAAGA	TTTATTGAGT	ATCTTT'TAGG	TGCCAGACCC
177501	CGTGATACACA	GAGAAGAACG	TGCCAGACTC	TCGCCCTTGA	GACAGGGTTG
177551	CAGAAATAGA	GGAAATGTAT	AAGAGATGAC	TAGGAGGCCA	GGGGATT'ICA
177601	GCTGACGGGC	AAACGCCAGA	GTGAGGGGTC	TTCATGGATG	CCGGTATCAC
177651	ACAATCATGA	ATGACAGCAG	GGAGAGGCAG	TTAGCAGGTG	GTTGTTTATC
177701	TCATTGAAAA	TAAAT'TCCAA	AGGGCTAGTC	ATTGCCT'ACA	AGTTCTCTCTG
177751	AAATATGATT	CCTTGACTCC	CCTCTAATCC	CGTTGCTTCC	TGACTTAAAT'
177801	CCGGTGT'TGC	TATAACAAAA	TACTTTAGGT	CAGATACTTT	ATAAAGCCAG
177851	AAGGGTCTGC	T'TAGCTTATG	G'TTCTGTAGG	CATAGGCGGA	CCGTACTGGG
177901	ACCTTATCAG	CTTTGATGAG	GGCCCCATGA	CTTATGTGAG	GAGTGCATGC

177951	GACAGATTGG	GATTACACCTT	CTAAAAAGAG	TTACTGAGGG	A'TTCTTGTA
178001	ACAACGCATC	CTTGTGAGAA	CTCTTCCGGT	CTTATAAGAC	TTGTGTCATT
178051	CTTTTCAAGG	GCTCTTCTCC	CAGGGCCTTT	CTGCCTACCC	ATAGCCTTGG
178101	A'TTTTAGAGA	TTCCACACTC	CAGTAGTTTC	TCACTGGAGA	CCAGGT'TTCT
178151	GGTACACTAA	CATGGCGGGG	GTTGAGGCAG	GTCATAACCA	AGTCGCAGCC
178201	AAGTGTCTCA	GGCCTGATGG	CCTTAGTCCA	AGGCTTGTTG	TGGATGGAAA
178251	GACTCGACTC	CACAAGTTGT	TCCTTTCTCT	CCGCATGACA	TGCTCAGACC
178301	CTCAAACAAA	CGAAGTAAAT	AAATAAATGA	A'TACTTAATA	TTTAAAAGTA
178351	TTGGTTAACC	GTGTGGCAGA	ACCTTAAAT	GGTAGAAAAG	AAAACCATAA
178401	ACCGGATAGT	TTGCCAACAG	TGGCTTATTT	ATCACCATTTC	TAGAAGCCAG
178451	GAAGTCCTTG	CATACCAGAC	TGGACATCTG	GTGCAGGCCA	TGCCCCGTTC
178501	ATAGGTGGCA	CTTACTGGCC	TGTGGAGACT	CTTGCAATGTC	TACGCATGTT
178551	ACACATACAC	AAACACACAC	ACACACCACC	ACCACCAACA	ATAACAACAG
178601	CAAATAATAA	TATAATACAA	ATCTTTAAAA	GAAAGGTACA	CACAGAGGGC
178651	CAAGAGTCAG	AGGAGCAAGG	TTGTTGTCTG	GGTGATCACA	TAATGCTGAC
178701	AGACAGTGGA	GGGAAGCTGG	AAGTGTGCAG	TTTCACCATC	TGTGTCAGGA
178751	CTAGCTTCTT	TGATTCCATG	CTTGTTCTCTG	TATTCCGTCT	CTCACATAGC
178801	AGCCAGCGGG	ACCTTTAAGA	AACACCGCCA	CGGAGGACTA	CGATAGTGAG
178851	TATGGACCAT	GCTGTTGTCT	TGGGGCCGTG	CTGCCAGTGA	GGGCAATGTC
178901	TGGGTCTATG	ATCCTGCTAT	AGCCAGGAGC	TGTGATGGTG	TCTATGGCCC
178951	GTGTTAATCC	TGAAGGCCAT	GTGGATGCCC	ATGGTCGGTG	CAGCTACCTG
179001	CAGCCATGTT	GTTATCCACA	GGCCATGCTG	CTACTGGACG	TTGTGATCAT
179051	GTCTGTGGTC	TGCACTACCA	CGTGGAAGTC	CACGATCTCT	GTTCCTCGTG
179101	ATTGTAAAGG	GCACAGGTTA	CCAATGACTG	CAAATTCACA	GTTGAGAAAG
179151	ACTGACATAG	AAGGCTTCTA	GGACAGCTCC	CCTCCCCCAG	TAACAGCCTA
179201	AACAGGAAGC	CATGAAGAGA	ACTCTTCAAT	GTGAGATAAG	GATGCTGAAG
179251	TGTAGCTTTT	AAGAATTGAT	GGCTTCTGGT	GGGGGTGCCG	GTAGAAAAGA
179301	ACTTAGATAT	TTTTAAGGGG	CTAGCTACTG	GAAGTTTGAC	CATGCTCCAT
179351	ACTCCAGAGA	GCATATGGCA	ATACAAGTTG	GACITGTTTG	TATTTATTTA
179401	TTTACTTACT	GATTTACTTT	GTTTGTTTGT	TTGTTTGTTF	TGTGGGGAGG
179451	GTCACAAGGA	GAGAGTTGGA	CCTGGGAAGA	CTGGGAAGTG	AGTGTGATTG
179501	GGGTTTCATA	TGTGAAATTC	CCCAATAATC	AACAGAAGTA	TTATGTATAT
179551	AAAACCACGT	AGGTCGGGCT	GATCTATTCT	CCTGTCCAAA	A'TACAACAAC
179601	GGGTTTTTGC	TGTGTTTTGC	ATAAACACAG	GCTCTCCATT	ATGTTAGCAT
179651	CCACACTGCC	TCCAGCGTCT	CCTTCTACTC	TTTCTCCTCT	CTGTGATGGA
179701	GCCACCTTCT	TCTCCTTTCT	GTTCCTGGAG	CTTGCCAGGT	TCACCTCACC
179751	AGCCTCCCTG	CATCTCCAGG	CCCTTGCACT	GCAGTTCGCT	CCCTGGACCA
179801	CTCTGGACCT	GCAACTCTGT	GCAGCTGCCCT	CTTCCTCCAG	GCCTCGGGCC
179851	AGATAACCAC	AGCAGGATGA	CTGCTTCCGC	CTCACTCCAC	CACCCATCTA
179901	CTTCTGTGGA	GTTACTGACG	GTTGGGAGGT	ACCTTGTAGG	TGCTGGAGGC
179951	AGAACCCAGG	TCCTCTGCAG	GACTAGCCAG	TGTGTTGTAA	TTGCCACTGC
180001	GCCTCTCCAG	CCCCCTTTGT	TCTTATCAAC	GAAGCCCTCA	GTTTTCTCTT
180051	ACGTAAGGCA	TTGGCGGTAC	ACGGTCAGAC	TTGTTACCAG	AGGATACATT
180101	AGGTGCCGTT	AAAAAAGAAC	AGCTGGAACC	TGGTGTGCTC	TCCATGGTAA
180151	CTTTGTCAAG	ATGTCACCTT	TTGCTACCCA	ATGTCCCTTG	ATTATATCCA
180201	CTTTATTGTC	CCTCATTTGT	AAGTGAAGTG	TCTGCTTTTT	GAAAGTCCCT
180251	TTTCATTCTGC	CTGTACCGCC	AGCATATTGT	CATATCCAGC	GCACCTGAA
180301	AACCTTGTAG	AATCAGGAAC	TGAAACTCAG	CGGTCACAGT	GGATAGGCCA
180351	GAGACCCGTG	AAGGCTGAGG	CTGGGAAAGC	TGGCTGGACT	GTATGAGAGG
180401	GTTGACTTGA	GTGCACTGGG	TTTGGGATTT	TAAGTGAATG	TTCTGTCCCA
180451	GGACACTGAA	AGAATTTGGG	GTAATTTACT	GTTAATTTCT	CTTATGAGAT
180501	TTTGAAATGT	AGCAAAACAG	ATTATGTGGA	CAGACAAGTT	CAAGCTGGC
180551	TTTTTGAGAG	TGAAGAATAT	GAGTTTAAAA	TTTAGGTGGC	TAATCCCAAC
180601	ATTGGGAGG	GTGAGGCAGG	AGGATTGCAA	GCTATGTAGT	GACCTATTTT
180651	TTGTTGTTGT	TGTTCACTAA	AATGAAGCCA	AACCAATAGT	CCTGCATTGT
180701	GATTTTTCTG	TGTA'TGTAGT	TTAGAGTGTC	TTTTTAAAAAC	AGTTGTTTGT
180751	GGCCAGAAGT	GGGGCCAGAC	TGTAATACCA	GCATTGCAAA	AGATGGGAGG
180801	GTTGCTGTGA	GCC'TGATCAA	TGGAGTGAGC	CTGTA'TCAAA	AAAAAAAAAA
180851	AAAAAAAAAA	AGGAGGGTGA	GAGAAGGGTG	AGGGGAAGGA	GGAGGAAGAG
180901	GAATAGGAGG	AGGAAGAGGA	GAAAAGAAGA	AGAAGAAGAA	GAAGAAGAAG
180951	AGGAGGAGGA	GGAGGAGGAG	GAGGAGGAGG	AGGAAGAAGA	GGAGGAAGAA
181001	GAAGAGGAGG	AAGAAGAAGA	AGAGGAGGAG	GAGCAGCTTA	AGATAACTAA



181051	ATGTTGTTTA	GGGGAAGTG	TGACACCCCA	AGAGAAAGGA	GCTCTGGAGA
181101	ATTCAATTGG	AAATGTTCCA	GTCATCACTG	ATTTT'TTTG'	AGCAGAATCA
181151	GGATGAACTC	CAGGCTTCTA	CAAAGCATCA	GTTGCTCGTA	ACCACTGAGC
181201	CAGCTCTCTA	ACCCATTGCT	TATTTACCTG	TCGTTGCTGT	TGTTTGTGTG
181251	GTGTTTGAGA	CAGGAGCTCA	CTTTATATCC	CTGGCAGGCC	CGAAACTCTG
181301	GGACTTTTAT	GCAGATCAAG	TTCTGAGGAA	GTCTAGAACT	TGGACTTTT
181351	TGTGTGGACC	ATCCA'TTGAG	TCAGTGGCTC	AAACACACAG	AGCTCTGTCT
181401	GCCACCCACG	AGTCTTAACT	GAAC'TGCAGA	ATGTTGCCTG	GTCCAGTTT
181451	ATTAAC'TTTA	AAATGAGAAA	ATGGGGCGGG	AGCCATT'CAT	GCTTTTGTCT
181501	CCTACGTCAA	TTCCTCACAC	TGTGTGTGTG	TATGTGTGT	CCTTGCTTCA
181551	GCCTTTTACC	TTTCTAGCTT	ATCAGCAAAG	ATGAGCATAT	TGGTTTATAT
181601	TTCAGCTATC	TGAAAATGTC	ATGATCATAA	CAGTTAT'AT	CTGTCATGAG
181651	AGCAACTTCG	CGAGAATG'T	GCTAAACAAA	CACAAATGTT	ATCAGTTGTC
181701	AGCAGACATT	TGTTGCAGAG	GAGACCATAT	GTGACAAGA'	TGTTGGGGGG
181751	AAAAAGTAAA	AGGATCAGCC	GTTATCACAT	AAGAGGCGAG	AATCGAGTGA
181801	AGTTTAGTCT	TAGGAATTCT	TGTTATCAAA	GAACCTTTAT	CGAGGATAGC
181851	CAGCACCTCA	AGATGCAGGC	AATGGAAGCT	CAGGAAA'ACT	AACACACACA
181901	GAGATCTTCT	GACTTTGCCCT	GTGGGAGCTC	TGTCGCAGTA	ATGGAT'CTT
181951	GCAGCCCTGT	GGGCATTTCT	TGGATCCTTC	ATTTGCTTTG	GTCTATGGTA
182001	AAGAGGTAAT	TTCACTAAGA	GACAAC'TGTC	TACAT'TAGCT	TACATAAAGG
182051	TCTGTACCCG	ATCAAGAGCC	TGGATTTGCA	AATGAAA'TAC	ACACACACAC
182101	ACACCAGTTG	ATTTT'PATGT	CTTGACTAGC	TCAATGGCTG	GACAC'TTCTA
182151	AACTTCTGCC	CTTCAGTAT'T	CCTGGCTTAA	CACCTTCCTG	GCTCAAATGT
182201	TTTATCTTTG	CTGTCTCTCT	ACCTTCTCGA	CCCCCCCCC	CCACACACAC
182251	ACATACACCA	CACACACATA	GTTC'TGCTTT	CCCTT'TCTAC	CTACATTGTT
182301	GGATGGT'TC	TTGGT'TTCTC	TTCTGCAGCT	CTTCAGTCTC	ATCCCTCTGC
182351	CTCTGAGTCA	TGACGATTCT	CCTCCTCCTC	CTCTCTCCCG	TGGTCCCT'PG
182401	GTCCCTTGCC	AGATCAGTCT	AAAAGTTCTG	TCTCTGTCTC	CCTGACTAGC
182451	CATGGGATGT	ATGGCAATTC	TTTAGTATCA	AT'TGAAGCCA	GCCTGGGGCA
182501	GGTCTGGAAG	GGCAGCTTTA	AGACACAGTA	TTAGAATAAA	TTCCCAACAC
182551	AGCACACTCA	GCACAGCACA	ATGCAGCATT	GGGGAATCAA	ATCCAGGGCT
182601	TCATGCATGC	TATGCACGGA	TCCTATCAGC	TGAGCGGCGT	CCTCGGTTCT
182651	AGCCGTGAAT	CTTGCTTTTC	TGTTTCCGTG	GTTTTATCTT	TGCAGAACGC
182701	AGCATCATTG	GGATCATGTG	GTAGGCAGCC	CTTTAGATGC	CTTCTTCCAT
182751	GTAGCAATGG	TCATTTACTG	TGCC'TCCT'TT	CCTCTTTTCA	TGAGCGACTA
182801	GATTCTTTTG	GGTGCTGAGT	AATAT'TCCGT	TCTCTGGCTA	GGCTGTGTTT
182851	ACTTATCCAT	GGACTTATGG	AGGGATATCT	TGGTTGTTTT	CAGATTT'CAG
182901	CAGTTTTTAAA	TAGAGCTTCT	GTAAGCACTC	ATGGCATGCT	TTCTTGCGTG
182951	ATATACAAC'T	TCAGTATAGT	AAGTGGATGA	ATACCAAGAA	GTGCTCGTGG
183001	TGGCGCACAC	CTTTAATCCC	AGTACTCAGG	AGGCCAGAGG	CAGCGGTATT
183051	TCTGAGTTCA	AGGCCAGCCT	GGTCTACAAA	GTGAGTTCCA	GGACAGCCAG
183101	GGCTATACAG	AGAAACCCTG	TCTCAAAACA	AAAAAAGTTT	CATTTTGTAA
183151	GGAAC'TGTCA	CAC'TGTCTTC	TAAAGTGGCT	TTGCAGATTT	GCGTTCCCAT
183201	CTGCAGTGAA	TAAGGGCTCT	CGTTGCTCTG	AGTTCTTGCC	AGAAGTTGGC
183251	GTTGTCAGGA	TTTGGGT'TTG	GCCAGTGTGA	TAGGTACAGA	GTGGGATCTC
183301	ACTGTGATTT	AATCTGCAGC	TCCCTCGTGA	TTTAAAATGC	TTGTCACATT
183351	TCACCTGCC	ACCTGCCATC	TGTGTATTTT	CTTTAATGAT	CTCTCTCTCT
183401	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
183451	CTCTCTCTCT	CTCTCTATCA	CTCATCAACA	GAGACACAAC	AAAGAGGCAC
183501	AACAAAGAAG	ACAGAAAAGA	AATACGCAGA	ACAGCGCAAC	GAAACAAAAG
183551	ACAAGCACAA	AGAACACACA	ACGAAACGAG	AGAACGAAGA	AAGAAGAAGA
183601	AAAAAAAGAA	AAGAAAAAGA	AGAAGAAGAG	AGAGAGAAGA	AAAGACAAAC
183651	AGAAGAAAAA	AAAACGAACA	CCAGAGGACG	AAAAGAAAAG	AAGGAACGAA
183701	AAATGCCAAA	CAAAAAGGAG	AACGAGACAA	GAAGACAAGA	CAACACAACA
183751	GACAAAAAAA	AACAAACAAA	AAAAAAAAAA	AAAAAAGAGA	ACAAAGAACA
183801	GCAACGCAAG	CCCCAACTAA	AAAAAAAAAA	AACAACAAAA	ATACAACAAC
183851	AGAAAAACGA	AACAACAAAA	GXXXXXXXXX	XXXXXXXXXX	XGCGAGATTA
183901	ATCTGCAGCT	CCC'TCGTGAT	ATAAAAAGCT	TGTCACATTT	CACCTGCCCA
183951	CCTGCCATCT	GTGTATATTC	TATAATGATC	TCTCTCTCTC	TCTCTCTCTC
184001	TCTCGGGGTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCCCCC	TCCCTCCCTC
184051	CCTCCCTCCC	TCCC'TCTCTC	CCTCCCTCCC	TCCCTCCCCC	ACTCTCTCAC
184101	TACCTCCTTT	CCCCCTCCC	TCTCCTTCTC	CCCCACCCC	CCATCATGCG

184151	TGAGTTCFTT	GTATACFTTG	AATAACAGTC	TFTGGTCAGG	TATGTCTTTC
184201	ACAAATATTT	CCTTTATCCT	CTGGCTTCTC	TCCFTGTCTC	TTGAAATFTT
184251	TACTGCAGAG	GAGAGTTTTC	TTTTATGGGT	CCCCGTGAGA	TGTACCCCCA
184301	AATCATCACC	ATACCTACGG	CCACCTAGAT	TATCTCTCCT	TTTATGTATC
184351	AFTTCTCACG	AGACGAGGAA	CTGAATCTAG	GGCCTCACAC	GCACTAGTCA
184401	AGTGCCTCAC	CAC'TGAGAGA	CGTCCTAGCT	TTCFTCCATA	CTCTCTCAAC
184451	CTCCCTCCTC	CCACATTTTG	ACAGGTCTTG	CTGTGCATCC	CAGGCTGACC
184501	TCTAACCTGC	AGTCCTCCTT	CCTCTGTCTT	CCAAGTCTGG	GATCACAGGC
184551	ATGCACTGCC	TTACTCGGAC	AGAGTCTTAT	AGTTTCTTGC	TTACACCCGA
184601	GATTTGTAAT	GGCGGTGTCF	AGATTCTGTT	TGTTCTTTAG	CATGTCCAGT
184651	TCTTCCAGCA	CCATTGGTTG	AGAGGCGCAT	GGTACTGCCA	GAAGAGGTTC
184701	CTGGATGCCC	TGTGGCTGGA	GTTCCAGGTG	GTTTTTACCC	TATGTGGGTT
184751	CTGGGAACATA	GGTTCGTGTC	AGGAGCCGCC	AGAGCTTATG	AGCCACCTCC
184801	CCAGCATCCC	TTTCTGGTTG	TTGTTTGGTT	CTTTTAGGCA	AGACCTAGCT
184851	GCGTGGCCCC	AGTTGGTCTG	ACTCATGTTC	TTCTTGCCTC	AGCCTTAGTG
184901	CCAAGTTACA	CACGTGCAGC	AGCATGGCAG	GCTCATCGTC	TCGCTTTGAG
184951	ACAAGGTTCGT	GCCATTCCGT	CGGGCTTGGC	TAGGCTGGAT	CTCACCATGT
185001	AGAACATGCT	GGCCTCAGAC	TCAGAGAGAT	TCGATTGCTT	CTGTCCCAGG
185051	TGCTGGGATG	CAAAGGTGTT	CACCCCGCCA	CTACATCTGG	CTCAGTTATA
185101	CTGTTAAACC	AAAGTCTTAC	TTTATTTTAT	GTGTATGGAT	GCTTTTGCFA
185151	CATTTCTATC	TGTGTACTTA	ACACAGAGGC	CAGAAGGGGT	GGGAGTCAGA
185201	TCCCTGGAAG	TTGTTGCTGA	GTGCTGCGAG	CTATCACATA	GATGCTGGGA
185251	ATAGAAGCCC	AAGGATTTTC	TATAAGAACA	GCFTTTTATCT	GCTAAGCCAT
185301	TTCTCCAGCC	CCNTAAAACA	AACAAATAAA	CAAACAAACA	AACCACAACA
185351	GTAACAAAAA	CCCCAATGTT	GTGTCTTTGT	CTTAGGTTTT	TTTTTTTAAAT
185401	TTATTTTTTA	CTTTCCATGC	ATGCGCATTG	GAGTGTGAGG	GAGTGTGAGG
185451	CCCTGGAGCT	GGAGTTGCAG	ACAGTGTGAG	CCGCCATGTG	GTTGCTAGGA
185501	ATTGGACTCA	GGACCTCTAG	AAGAGCAGCC	AGTGCTCTTA	ACTGCTGAAC
185551	TATCTCTCCT	GTTTTAGATT	TTATAGGCTA	TTTTTTACAAC	TACCCGAGTG
185601	CACCTCTCAA	TAACCTCTATA	TGGATCTATG	GGCAGTACAG	TGTCTAATTC
185651	CTTTGCCTTA	CTTCTTGTA	CATTGCCACC	ATTCACTTGA	TGCACATATA
185701	AGCATATACA	GCTGTCTGTAC	AGAAGCATAT	ATAACTATCA	CACAGCAGCA
185751	TATACAACTG	TCATACAGAA	GCATATACAG	CTGCCACACA	GGAGCATATA
185801	TAACATATCAC	ACAGAAGCAT	ATACAACGTG	CATACAGAAG	CATATTC AAC
185851	TGTCATACAG	AAGCATATAC	AGCTGCCACA	CAGAAGCATA	TTCAACTGTC
185901	ATACAGAAGA	ATATATAACT	GTACACACAG	AGCATATACA	GCTGTACACAC
185951	AGAAGCATAT	ACAACTGTCA	TACAGAAGCA	TATTCAACTG	TCATACAGAA
186001	GCATATTCAA	CTGTCTATACA	GAAGCATATT	CAACTGTCTAT	ACAGAAGCGT
186051	ATACAGCTGT	CACACAGAAG	CATATATAAC	TGTCATACAG	CAGCATATAC
186101	AACTGTCAACA	TGCAGCATAT	ACAACTGCCA	CACAGCAGCA	TATACAACTG
186151	TCACACAGCA	GCATATACAA	CTGTACACACA	GGAGCATATA	CAGCTGTCAAC
186201	ACAGAAGCAT	ATACAGCTGT	CACACAGCAG	CATATACAAC	TGTAAAATAG
186251	AAGCATATAT	AAGAAAAAGA	GCCCAAGAGA	AGGCACAAGA	GTCAAACACC
186301	CACCTGTCTA	TAAGAAGCAT	TCTCCCAGGA	ACTTGGGAAG	GTATTTCCCA
186351	CTTGCCAAAA	GTAGTTTTCT	TTTTAGCCAT	AGCAGAAGGG	ATGCATTGCT
186401	ATTCCAATFAA	CCTCTGCCTT	CCTCTCAGCA	TAGGAAGGTC	CATGCTAGCC
186451	TTCAGCCTCT	CTCAGCCCCCT	ACTCACAGAT	ACTTGTATATA	CGCTTCAAAG
186501	CTTCCCACCC	AGCTCGGAGG	CTCCCTTCCT	CCCAGGTGCC	CAGCCCTTGT
186551	ATCCCCTCAA	GTTTTCTCTC	CCCTTTCTCT	GTACCCCGTA	CCCCATCCCC
186601	TTGGCAGTTT	GGAAATAAAT	TTTACTTCTC	CACCCTTGAA	GTGGTAATTT
186651	TCATTTTTTT	TCTCACCCCT	TGCATTTCAGT	AGACACACAC	ACACCCCTGC
186701	ATAATAAAAT	GCATTGTTTT	TGTTAGTATT	TTGAGGAAAC	TTTGTGGGAG
186751	CAATGAAGAA	TATGACTCTT	GTGCCCTCTG	TTGGGCTCTT	TTCTTCTGT
186801	TGGTTTGTCT	TGTCCAACTT	CAGTGTGGTA	GTTTTTTTTAT	TTATCTTATT
186851	GTATTTTATC	TTGTATATAT	TAAAAAGCAA	ATTAACAAAT	GAATAAAAAAC
186901	CTAGCCACTA	GGGTAAAGGT	TACCGACTGA	TCTGTCTTGA	TACCTGCTGG
186951	GGGAGGGGAA	ATCAGTGTTC	TCCAAGGAAG	TGACACTGGG	TACCTCATCC
187001	ACTCCAGAGC	AGCCCTCATG	CTCAGGAGTA	GTTGGCCAGT	ATATAATGGA
187051	CTCCACAGGT	GTGTGTGTGT	GTGTGTGCGT	GTGTGTGTGT	GTGTGTGTGC
187101	TTACTTGGTT	ACAGGATTTT	TGTTTGTGTT	TTTTTTTGT	TTGTTTTTGG
187151	TGGTGGTTTA	TTTTGTITCC	TTTTGGGGGT	TTTCTGTGTT	CATTTGGGCTT
187201	TTGACTGTGT	TTGAGAAAGA	ACTTCACATT	AGGTGGGTAG	GGAGAGGTAG

187251	AAGACCTAGA	AGGACTTG	GGAGGGGAAG	AATATGATCA	GAATATATTT
187301	GAATTTAAAG	AATTGT'TTA	AATAATAAAG	AGTACCACAA	TTAAAAGGGA
187351	TATAAAATAA	TTTTATTTCA	CTTTCTCTTA	CCGCCTGGTG	TACTCCCCC
187401	CCCACCTCC	TTTTCTTACC	TACTCTTTTC	TTTTTCTCTA	AAGGACTTCC
187451	TTTAAACATC	CTTAGTTTGG	GTTTGACTGC	TG'GAACAGA	CACCATAACC
187501	AAGGCAGCTC	TTATAAGGGC	ATTTAAT'TGG	GGCTGAT'TTA	TAGGT'TCAGA
187551	GGTTCAGTCC	ATTAGCATCA	AGGCAGGAGC	ATGGCAGCAT	CTAGGCAGGC
187601	ATGGTGCAGG	AGGAGGTGAG	AAT'TCTACAT	CTTCATCTGA	AGGCTGCCAG
187651	CAGAATACTG	GCTTCCAGGT	AGCTAGGACA	AGGGTCTTAT	AGCCCATGCC
187701	CACAGTGACA	CACCT'AC' TTC	AACAGGGCCA	TGCCCT'CTAA	TTATGCCACT
187751	CCCTGGGCAG	AGCATAGACA	AACCATCACA	CCTTCCAATG	CAGATATATT
187801	TCCAGAGATT	CTCTCCAGCT	TTGAT'TTAGA	AATCCCTTCA	GCTTGGGAAGG
187851	ATGAATTAC	TAGACTCGAG	GCTAATGTTT	GTTTCT'TTCC	TACAC'TTTTA
187901	GGTCTCTTCA	CGCTTGGGCG	AT'TCTGAGC	ATTAGCAACA	CT'GTCTCTT
187951	TGCTTCTCAA	AAGCCAGCTT	GC'TTT'TTCCC	GATAGTTTAC	TTCAGGAATT
188001	TTCATTAATA	AT'TTTTCACT	AAC'TGAAGCT	TGGACACAGT	AAGCCTAACT
188051	GCATTGGCTT	TGTGTGTGTT	TCTGTGATAC	GTGTGTGCAG	GGGTATGCAC
188101	GTGCATATGT	GTGTGTGTAT	ACGTATGTAT	GTACATATAT	GTGCATATGA
188151	AGATATAAQC	GCGTATGCAT	GTGCATGTCT	ATGTGTATAG	TATGTGTATA
188201	CATGTGTATA	TTTATCCTGC	ATAATATTCT	TTGAGCTTGG	TGCACCTGTG
188251	GTTTTGTGTC	CGACCTTTGG	GGGGAGATTC	TCAGCATTAC	CTCAAGCACT
188301	TCTGTCCCAG	TGCTCGCTCT	TCT'TTCTCT	CCAGCGCTCC	CTTGATACAG
188351	GCCTGTAGGT	ATCGCACAGC	TCTGGCATGT	T'TTCTTGTCT	CGGTCT'TTCC
188401	TGCCTTTCAG	TTCGTGGGAT	TCTGT'TGATG	TGATAGATAC	TGTTTCC'TGA
188451	ACACAGAGCT	CACCAAAGC	TCTTCTTAT	GGGTTC'TTTC	TCTGTGGCTC
188501	CCCGGCCTAT	CCAT'TCTTAA	CATGCTGACT	ACGTGT'TAGA	ACCGTCCCT
188551	TATAACCACA	GTCGCGTTAA	GTTCCCTGATT	AGTGA'TTCT	ACTTATAATC
188601	GGACATGAGG	GCTGCGTAGA	GGGCACAGCT	GTGACTGGGC	CTCTAGCAGA
188651	TGTGATAAGG	CGTGGGAGTG	AAGCCTCTTG	TGGGTCTCT	GGTGAGGTCT
188701	CCGTGGTTTG	GTGAGCCTGC	GTAGCTGCTC	TCTGAACCTC	ACAAGTGT'T
188751	C'TTAGGTGAG	AGGGTAGCGA	GTTTGGGATG	AAGTGGGGGT	CAGTTATGAT
188801	CTTATATTGG	CCCGGCAGGT	TATCTGTGGT	TAGTTTCCCC	TGTGCAGACC
188851	TGCCTGTGTC	TTTCACACTG	GATCCCTTTC	TTCTGCCCCA	CCCGCTGGAA
188901	GCATGCAGGG	GT'TTCTCTGT	GGACATTTCT	GTCCCAATCC	ACTAGGTTC
188951	TTCTCTGTGT	CTGGTGGTTG	TCTCTCCAGT	GGTCGGGAGA	CTTGCTGCTG
189001	AATGGTCACT	GT'TTCAACT	CTCTGCTCGA	TAGGCAGAGG	GGTGACTTTC
189051	TGAGCATCTT	GGAATAAGAA	AACAATTTT	GACCTACTTT	TTGTTT'TTAA
189101	ACATTTATCT	GTGTGTGTCT	GTGTGTGTGT	GTGTGGCGTG	CGCGCGCGCG
189151	TGCACGTGTG	CTTCCATGTG	CATCCCATGT	TGGCATGTGT	GCAGATCAGA
189201	GGATTTTCCA	CCATGTGAGT	TCTGGGTATT	GAACTCAGGT	CATGAAGTTG
189251	GTGAGCAAGC	ACCTTTACCC	ACCAAGCCCC	CTTTTACTTT	TTTTTT'TTTT
189301	GTCT'TTGAAA	AGAAAATGTA	AGGCTGGTGT	AGCAGCACAG	GCCTTTAAGC
189351	CCAGCACTGA	GGCAGGTGGA	TCTCTGTGAA	T'TTCAGGCCA	GTCTGGTTTA
189401	CAAAGTGAAT	TCTAGGGCAG	CGAGTGCTAC	ATAGTAAGAC	AGTGTCTTAA
189451	AAACAAAAC	AATAACAAC	ACAACCCCAA	AAQAATAACA	ACAAAAGAAG
189501	ATGAAGTGTA	AATACCCCC	CCACCCTCCG	GTCCAGATAC	TGGCCCTGGC
189551	CGCTCTTGCA	GAAGGAATGA	AGACGAGGAT	GTAATCACGC	CCAGGTGTGC
189601	TGGAGGAGGA	GGCTTTTATT	GTTGATGGGA	GAGAGCGCGC	AGCCAGAGGC
189651	AGCCAGAAGA	GTCCAGATCA	GGGGGAGAAA	CTAGCAGACT	GAACCTGGGCC
189701	ATGAGAAGGG	AGGGGGTGAG	CATGGAGAGA	ATAAGGGGGA	GGGGGAAGAG
189751	AGGAGGCCAA	GAGAGGAACC	AAGAGGCCAA	AGGGGACAAA	CGAGGGTGGC
189801	CACAA'TGGCT	GGGTTATATA	GGAATCAGAA	GCTCGGGGAA	TGGAAGATGT
189851	GGTAGCTT'T	CCTGGTTCGTC	AGCTTGACGA	CATCTGAAAT	GAACCTCAAT
189901	CCAGAACTGG	AGGGCACGCC	TGTGATCCAG	ATCTTGAGGC	TGGAAGGCAC
189951	AAGTGTCTGA	CATAGATCTT	GAGGTGTTGT	GGTCATGAAA	AGCTTAGGCC
190001	CAGGCAAGGT	AGTACATGAG	ACT'FAATTCC	AGGAGGCTGA	GGCAGGGAGT
190051	TCAAAGGTCA	GCCTGGGACA	AAGCAAATCC	CAGATCCAGG	AGTGGTGATA
190101	CACACCTTTA	ATCTGGGTCA	CACCCCTACCT	TAAGGACATT	GGAAGAAGGA
190151	AGATTTGCTC	TACTTGCAAT	GACTTGCCAG	CACATCTGTT	GAAATCTACT
190201	CTTGCAGGAT	TCCAGCTTAT	ACAAAAGACC	AGGTGAATCA	CCTAGCCTCA
190251	TGGGACTGAG	CAACTACTAG	ATTCGTGGAT	TCCCATCCAC	AGCTGCCCA'T
190301	TGTTGGGCTA	GTTGGACTGC	AGACTGTAAG	TCATCACAGT	AAC'TTCCCTT

190351	AATATAGAGA	GGCATTCCAT	AAGCTTTGTA	ACTCTAGAGA	GCCCTGACTA
190401	ATACAGAGGG	GAAGCTCAGG	GGTGTGAGAG	GTTAGGGTGG	GGCAGGGGTG
190451	AGAGGGTTGA	GAGGAGCTTG	GGCTCTGTTA	CAGGTGCTCG	CAGAGCCAAA
190501	AGAGCCAGGC	AGCCAGCTCT	GCTATATTAA	TAAGTACCAC	AGTTAGCCCT
190551	TTGTGATAGA	TTAATAAGTA	CCACAGTTAG	CCCTTTGTGA	TATATTAATA
190601	AGTACCACAG	TTAGCCCTTT	GTCCTGTGAT	TCTTCGGGAT	CTGACAAAGG
190651	CAGAATACGA	AGGTTTCCCA	GAAACCTGCA	TGGCAGCTCC	CAAGCCCATG
190701	TAACTCCAGT	TCCAAGGAAC	CTGGTTCGACT	TTTCCGACCT	CTGAGGGCAC
190751	CAGGCACACA	TGTGGTGCAC	AAATATACTT	GCAGGCAAAA	CACACACATC
190801	AAATAAATAA	ATCTGAAAAA	GGGGGGATAC	TGTTTGAAAC	TTCCCTTATC
190851	CAACTAACAC	AATATAGACC	AACCCCTGTT	CCCTGTAAAT	GATAAGGTCC
190901	TATGATCATT	ACCGCTTGTA	TCATTTGAGC	ATAGTTGTCC	GTTTGCCTCA
190951	CAGCAAAGGG	GTCCAGCAGT	TGGCTGCCAT	GAGTATCTGC	AAGGAACGCA
191001	CTTGTTTCTG	GGCCCTCCTC	CCTGTGCGCT	TGGTGCATTG	TGCCATCCGT
191051	GCTGCCTGCT	TTTGTTTTAA	TCCAGTAGTG	CACCGTGCTT	ATTAGAGAGA
191101	TGATGTATCT	AAGAGCAAA	CTGTAAATGTA	CGGTGTAGTT	AATTTAAACT
191151	TATCCCTGTC	TAGCTTACAA	ACGAATGAGA	CTCGGACTGT	GGTTATTTTA
191201	TTTGGCTTTG	ACCAATATTT	GACTGGGGAG	TGACCCATAA	TCTACTTTTC
191251	TAAGTCTAT	GCTGGCTACC	CTCCCCAGCA	GTGTACCCCA	GATACCTGCT
191301	GTTTCTCTTG	GCCATCTCCC	CTCATGGTGG	CTTCTCCTTC	CGTGCCCTTT
191351	CTCCCTCTTC	TCTTCTCTGT	ACCCCCAGCC	ATGTAACCTGA	AAACCCACCT
191401	ACCTCTATTT	CCTCCAGTAA	TTGACTGTTCG	CCAATTTTAT	TCAACCAACA
191451	GTTTTAAATTT	ACAGAGTAAT	GTTTGCCCAA	CATAAGCTGG	TATACATGAG
191501	AATTCACCTCA	TCTTGAATAT	ACAAAATTTA	GCATATAATA	CATAGCAACA
191551	GACCAAACCT	CAACAGTACG	TGGCTCTTCT	ATGCCCGCTC	CTGCTCTGAA
191601	ATGAGACAGA	AACTAGGTAC	TTTCTATTAG	TGAGTTCTTT	GTACTATAGC
191651	TGGCCTGGGT	TTATCTATTTC	TAAGTAGAGT	ATGCTTGGCC	TGGCTTACTT
191701	CCCAGCCACT	TGGCATTTCCC	TGCCATCTGA	GCCTTGCCCT	GGCTCCTTCT
191751	GCTCCACATG	AAGCATTACG	GTGACTCCCT	TGGCAACCTG	CTCATGGTGC
191801	ATCCTCCTGA	TCCCTCTCCT	CTCCTCTTCC	CCTCTTCTCT	TCCTTGGGAG
191851	CCCCTGACTG	GGATCAGAAAG	TCTCCCCCTTA	ACTCTTCTCC	TGCCCCACTA
191901	CAAGCTGATT	AGTTCTTTT	ATTAACCAAG	TGGTGGTGTG	GATGGGAAAC
191951	TATCTTTACA	CATCATTGAG	ACTAGAGATG	CTCCAATAAT	CACGGCGATG
192001	CCAACGTCTG	ACTGCAACCT	GGTCTCTGGG	CAGAGAAGTC	AGCATCTCAA
192051	GTGCACAGTA	CGCAACCAAC	CCCCCCCCC	CCCAGTGTA	AGCAACATGA
192101	AATGTGGTAA	CAACAGTGCT	CAGGTGAGTT	TCCTCCAGCA	GAACCTGCCA
192151	CGCTCCTCAT	AGCTTTACAT	CTCAAACCTGT	GAAGAAGAAG	AAGAAGAAGA
192201	AGAAAAGAAG	AAGAAGAAGA	GGAGGAGGAG	GAAGAGGAGG	ATGAGAAGAA
192251	GAAGAAGAAG	AAGAAGAAGA	AGAAGAAGAG	GAGGAGGAGG	AGGAGGAGGA
192301	GGAGGAGGAG	GAGGAGGAAG	AAGAAGAAGA	AACAGAGAGA	GGGAGAGGGA
192351	GAAGGAGAGA	GAGTTTCAAG	ACCCCACTGA	GTGAAGCCAT	GACTCATGAT
192401	TCCCATCTAT	ATCCTTTGTG	AGTGATGTTG	GGAATGCCGT	CACTGGAAGG
192451	GACATGTAAC	TGGTAGCTGC	AAGTGACTCT	AATGTGTGTT	AAGGGACTTT
192501	GTCTGGGGAA	TGTTGTGAAA	TAAGATGTCT	GCCTGAGGAG	GTGGACAGAC
192551	TTCCATATAT	TAAGCAGAAG	TGTCCACTGT	GGGGTGAGAG	ACTCTAACAT
192601	TTGCCCTTGAC	CATTTAGTGT	GTGGAGAATT	TGAATAGGGA	ACTAACTGGG
192651	AGTGGATGAC	CTTCTGACCC	AGCTGTTGTT	ATATTTACTG	ATTGCTTTTA
192701	AGCTTCAAAA	GCCCTCTTCT	GTCTAGCTTG	GTGGGACACC	AGTCACAGCA
192751	CTTGGGATAC	TGAGGCAAGC	AGATCTCTCT	GTGAGTTCAA	GATGAGAGCT
192801	TGGTCTAAGT	GAGTTCCAGG	TCAGCTAGGG	CTATGTAGAG	AGACTTTGTT
192851	TCAAGTAAGT	AAGTAAGCAA	GCAAGCAAGT	AAGTAGGTTA	GAGAGACCCT
192901	TGTTACAGAC	AAGGAAGCTC	AGAGAAGTAA	ATGTTTCCAG	GGTCTCAAAT
192951	CAGATGATTT	TACTTAAACT	CAGCCCTGAT	TCTGGACCTG	GGATTCCACT
193001	GAATTCACCT	GCTTGTGTGC	AGCCCCCTCG	CATGCATTCG	TTTAGTGCAA
193051	AGAGCAAGTG	CTTAATGGCT	TTCTCAACTT	TGTTAGGCCT	CTTACTTTGA
193101	GACAATATGA	GGCATTATGA	AATCTGTAGT	GTGAGCCAGT	AAGCAGCTTT
193151	TTTTTTTTTT	GTTTCTGCTC	GATTCCTTTC	CTGAGTTTCT	GTCTTGACTT
193201	CTCTAGTGAT	GGCTTTGAAAC	CTGTAAGTGT	AAGCTAAGTC	AAGTCGTTCC
193251	TCTCTGCGGT	TGGTAGGAGT	GTTTTGTTCAT	AACAAATGAA	AGAAAACCTAG
193301	AACAGAAATTT	GGTGTCAAGA	ACAGGGTGAT	TGCAGACTGT	GTTTTGTGGG
193351	GGACAGTATT	ATGGAAACAC	ATTATAGAAT	TTTGAGCTGG	AAAAGCCACT
193401	GAGTGCTGGG	AGGATAGTGG	GAGGTTAGTG	GGTGGTTAGT	GGGAGGATAG

193451	TGGGAACCTTA	GCGAATAGGA	GGGTGGAAGG	AAACGCAGAC	AAGGGAGGAT
193501	TGGAATATAA	AGTTCAGAGG	GCAGCAAAGA	CCCTAGCAGT	CATTTATGTG
193551	ATAATTTTGA	TTAAGGATCT	GCAATTAGTG	GTCAGCTGGG	GCTGAAGAAT
193601	CAGCTTCGAC	TACCAAGGGA	CCAGCACCAC	AGACGTGGAA	CTGTCCATGC
193651	TTTGCCCCGA	CAATAGGGCC	AGCACACAGA	AGATCCAAGC	AGGCCAAGGC
193701	TGCATCTAAA	GCTGAACFTG	GCAACATGTA	AGAGTCTCTC	ATGTGATATT
193751	GGTFTTGAAG	ATGTGAAAGC	TTGCAAGGTT	GAGGGACCGA	GGACCAACAC
193801	CCCATGACAT	TGTTGGCGGC	CAAAGGATTC	CTGTGGTAAA	GGTGCAGCAT
193851	CCTTTGCAGG	GGAGACCCAG	GGCACTGGCT	GGAGATGAGT	CCTCATATTG
193901	GACAGCTGCC	AATGAAGCGG	CAGGTGTGCA	GTGGAGCTGG	CCTGAGGCAA
193951	TGACATAAGC	TACAGGTGCT	GCTGCTGGCC	GAGCTAGAGA	AGCAGAACTG
194001	CCCAAGAGAG	AGATCTGTGT	AGCACATAGC	AATGCTTGAG	GGGCGGGGCC
194051	TTCAAGCCCTA	TAGCAACGCT	CGAGGGGCGG	AACCACCAAG	CCCATTGAAA
194101	CTGATGCTTA	AAGTTGGGCA	CGCAGTTACA	GTACGTGGCG	TATGCCCTGC
194151	TGGCTTCCAG	CCATGCTACG	GTCTAGCCCTT	TCTTGCCAC	ACCTCCAGTC
194201	TCCCTTTTGG	GAATGGGAGT	GTATGCCACA	AGCCCCATTT	CATTTTAGAG
194251	CTTATCGATT	TCACCATCTT	AGGCCAAGAA	TGATTTGACTT	CTCATTCCTA
194301	AGTGGCATTT	TAAAAATCAA	TTTGTAGTTT	GAAAAAGTTA	TAAAAAGTGT
194351	TGGGATGGCA	TACAAGCCAT	TCAGAGGTAG	AAAGAAATAA	GTAAATGTGT
194401	AACATCAACA	TAGACGTTTTT	AATAAAAGTC	AGTAAGGTCT	CTGTTAAAGT
194451	AGCATCACAA	AATAATACCC	GTTTCAGATG	TATTTGTCGG	TGCTGAGGG
194501	GTGGGGGGTG	GGGAGCAGGA	GTAGGTCTTT	GTAGGCGTGA	CACCATTAGC
194551	AGAATAGAG	AAAACCTCAA	AAGAGAAAGC	AGATACATCT	CTATGAGAGT
194601	TCCCTCTTTA	TAGTAAGAGC	TCTGCAGAGA	AGGCTAAAAA	CTAACATCAA
194651	TATGGGAAAG	TGTTGGCCAC	ATATGTAGCA	AAGAGTTATT	ATGCAGAACT
194701	TATAGATTAA	TAAGCAGAAAG	ATGGACTGTT	CAGCTAAAAG	TGGAATACCA
194751	ATATACAGGC	ACAGTATAGG	CACCGATGGC	CGCCAGCACA	TCCCTTCCCC
194801	CCTGACTATA	CCCATCACAT	CCCATCATTT	GCCAAGTTGG	CCTTGGGCTA
194851	AGAGCTTCAC	CTCAACACTC	AATAAAGCAC	CAGGCAAGGT	GCATCAGCTC
194901	CCAGAGAAAC	TCAGGACAAA	TGGCTAACTG	TGGTGCCTGT	AGCTTACGAA
194951	GCGCATGTTG	CTCTCAGGCT	CTCTCGGCAA	GTACCTGTTA	CAGAATCCAT
195001	GCTCCTGATC	CTGGCTCCTC	TCAGCTCTCT	CACCCCATGT	CCCCTCTAA
195051	ACCTCTAGCT	TGGGGGCTTT	GCTTCCCTTG	CCCCCAGCT	TCTGATTCTT
195101	ATGTAAGCCA	GCTGTTAGGC	CACATGCTCT	GTCTTAGTCA	GGGTTCTACT
195151	GCTGTGAACA	GACACCATGA	CCAGGGCAAC	TCTTATAAGG	ACAACATTTA
195201	ATTGGGGCTG	ACTTACAGGT	TCAGAGGTTT	AGTGCATTGT	CATTAAGATG
195251	AGCATCCAGG	AGCATCCAGG	CAGGCATGGT	GCAGGAAGAG	CTGAGAGTTC
195301	TTCATCTTCA	CTCTGCTAGC	AGAATACTGA	CTTCCAGGCA	GCTAGGATGA
195351	GGGTCTTAAA	TCCCACACTC	AGTGACACAC	CTACTCCAAG	GCCACACCCA
195401	CTCCAAGGCC	ACACCTACTC	CAAGGCCACA	CCTACTCCAA	CAAGGTCACA
195451	CCTTCTAATA	GTGCCACTCC	CTAGACCGAG	CATGTCTAAA	CCATAACACG
195501	GTCCCTGGTT	CTTCTCTCTT	GGTCCCTCTG	ATCTCCCTCT	TCGCTCTTCA
195551	GTTCCCTCCCT	CTTAAGTTTC	TGTTCTCTTA	GCGCAACAGC	ACAGCTTGCT
195601	TCTGTACTTG	AAGAGAAAAA	TGCGATGGAC	GCAACCAGAA	GTTACTGGTT
195651	TTGTAGCAGA	TCAGTAATTA	TTGGAAAAATA	GTACATGTGT	TACAGAATTT
195701	TTTTATGTCA	AATTGACACA	AGCTGGGATC	ATTAGGATTG	CCCTGGAAGC
195751	AGTCTGTAGG	ACATTTTATT	TATTGATGCT	TGACGTGGGA	GCACCCACTT
195801	CACTGTGGAT	GGGTCCACCC	CTGGGCAGGT	GGTCTCTGGT	GGAGTTAAAA
195851	AGCCGGGGGA	GCCAGTCAGC	AAGCAGTTCT	CCTCCCTGGC	CTCTCCTTCA
195901	GTTAGTGCCT	CCAGTTCCAG	CCTTGACTTC	CCTTCATGTG	GGACTGTGGC
195951	TGGGCCATGA	AAGTTGAGGT	GAGCCCTTTC	CTGCCACGTT	GGTFTTGGTC
196001	ATGGTGCTTA	TCATAGCGGT	GGAATTCCTA	ACGAGGACAG	TACTCTCACA
196051	GCTGGGGAAC	GTCAGTGCAC	GAAGTTTGCG	ATAATAGATT	GTGGGAGCAT
196101	GTATGAACGG	GCATGCTCTT	CATTTTGACA	GTATTTATCA	CAGGCTGCGC
196151	CCTTCAGCAT	AGCGTTTCTA	CTTCTAAGAC	TCTTTCTGAA	AGGAGCAATT
196201	AAAAATTGAT	TAACATAATTA	ATTAGTATTT	ATTTGAGACA	AGATCTTGCT
196251	TTATAGAGTA	GCCTGGCTGT	GAACCTATAG	AGATCCACCT	GCCTCTGTCC
196301	CAAGTGCTGG	AAATAAAAGGT	GCTTACCACC	CCCTGGCTCT	ATAAGGACTA
196351	ATCGGGCAAG	TACTTGTATA	TAAAAGCATTA	TTCCCTACCAG	TATTTGTTTAT
196401	ATAAGTAAAA	GGCCCAAATC	AGTATCTGTC	ATTTGAGCCAT	TGCTCAACTC
196451	AGGAGTGGGA	GAACATAAAGT	GGCATATCTA	GTTACTAAGT	TTTAAATATT
196501	GCTCCTAATT	TCCAACCTGGC	TGGAACAAGA	AGGCAGAACAA	AAGCAGTTAC

196551	GTAACAGGAC	ATGCGGCTCA	GCGGAGCTGG	ACAGCTCCGG	TGTTATGTGC
196601	TGAAGTGTGC	CTGCCAGTCA	GAGGCTGGGG	AGCCTGGCAT	GTAGAGCCGA
196651	TGTCTTTTCT	CCCGTATGCC	TTCTTACAGT	ATCTGCGGAT	ACAGTTTFTAC
196701	TATTTACATTT	GCCGAGGTAT	TTACTCTAGT	TGGTAATTTT	TTTTTCTCTC
196751	AAAATGGTGG	CGCATCTCAC	CTTGAAGACT	GAGCTCACGG	GTITGGTGACT
196801	AGGAAAGTGT	TCTACAAAAG	CTCGTTAACT	TTGCGTTCAT	TCATGAGTTT
196851	GGGGGTACTT	TTAAAACTTC	CATTTCCTTG	AGAGCAGTTG	ATGCAAGTAT
196901	CAGATTATAT	ATGCACACGA	ATTCTCAGGT	TTTCCCAAGA	ATTTTAATAG
196951	TTGTCCAGCT	GTCTGGTTT	CAATTCCACT	CAGTGTGAAA	GCTGTGCTGA
197001	GTAAATTTTCG	TGGTAGAAGT	GAGGAAGTCC	TACTGATGGT	CCCTAAACCA
197051	GTAGGTTTGC	AATGTTAGCT	TTCTTCATTG	GACTCGCGTA	CCCTCTTAAC
197101	TCCAAAACGA	AATGTCCAG	TAGGATCTAA	CCAAGTGGCT	GAGGGGACCT
197151	GCCCGAGGAG	TCTTGATAAT	TTTTTGATAA	CACATAATCT	TAAGCACATC
197201	TGAGCTCCAG	GTCTAGAGAA	GACTTCCTTT	TCTGATAGTC	TCTGATAGTA
197251	GGAACATCTT	GAAGGACCTG	GAGGAGCCAA	AACCAATTAT	GAAACGAGAT
197301	GGGCTTGGGG	GTGAACCTT	CACTCTCAGCA	CTCAGGAGGC	AGCGGCAGGA
197351	AGGTCTCTGC	ACATTTGAGG	CCAGCCTGGC	CAGTGTAGTG	AGTCCCAGGG
197401	CAGCCAGGGC	TGCATAGCAA	CATTTCCGACC	CAGATAACTA	AGGAGCAGTG
197451	AGCGGTCTGC	ACAGTGGCTA	ACCATCATCC	TGCATACTCA	AAGAGCACCG
197501	GCCAGTGATA	ACAGTAAGGA	CTAGTCGACA	TAGCGCCCTC	CAGTATCTGG
197551	ACACAGATGT	GTGCATTTCTG	CTTAAAGAAA	CAGGTGGAAT	TAGAAAGAGT
197601	GCTTCATTTT	TCACCAGAAG	GAAAAAGAGA	GGCACAGGTA	GTGAAGACGC
197651	TGACTTTAGA	AAACTCTAGA	TACCTTCAGG	GAGCAAGCAG	AGCAAGGAGA
197701	CCGTTGCAGA	GAAAATGCTC	AAGGAAGGCC	TTTAGAGGAG	CCTTTTAATG
197751	CAGTAGGAAT	TCTGAGTTCA	TCCCTAAGTT	GTTGCATTTGA	CACAGTCCCT
197801	TCATTTTGAT	ATCTCTCAGTA	AATGTGTTTT	TTTGTTTTTT	TGTTTTTTTT
197851	TGGGGGGGGG	GTGAGACCGA	CCTAGGTTAA	AATTAAAATC	CAGGCTCCCT
197901	CATTTGGAGT	AGTTTFTAAA	AACTTGAGCA	AGTTCAAGCT	TTCCTAAGCT
197951	TCAGTGTCTT	CATCCCCAAA	TGGAAACCTC	CGGAAGGTGC	CAAGATTAAA
198001	TGAGATATTG	TTATAAATAA	CCTAACAGTA	CCACACTAAA	TGCCAGTAAA
198051	GTGCCCCGTA	AGTGGCTTAT	TTTGCTGTGC	ACATTTGTTT	ATTTTAGAAG
198101	AGTTTATCGT	GCTACACGAT	AAGTTGACAG	TCCTAGGTTT	ACACCTGCCCT
198151	CCACTGTTTG	ATAACACATA	ATCTCAAGCA	CATCCGAGCT	CCAGGTCTTT
198201	GCCACAGAA	TGGTTATCAG	TACTCTTTAT	CTTGTCAGAA	CTTGTGAGGT
198251	CAGAGGCAAC	CCAGTCTGTG	CTCGCCAGAG	TCTCTGCCTG	GGACAGAGTT
198301	AGTGCTCGGT	GAGTGGTTAT	TCTCACAAAG	CGAATAAGCC	CTGAAGAGCG
198351	TCTTAGGTCT	TGTCATATTT	CCCTCCTGCT	CTTTGCTTTT	TACCTCCAGC
198401	TGTAGTCTTT	AAGAATTTGG	ATGTGCACAA	TTAAGACTAC	AGCCCAGGGC
198451	CAGGTTAAGA	TGTAATACTC	AAATGTGTAT	TACAAGAGGA	GGCTGGGAGG
198501	ATGGCCGCTC	TCGTGGAAGA	CTCAGATCAG	TTCCCAGTAC	CTATGGCAGC
198551	TCACAACCAT	CTGTAACCTG	AGTTCCAGGG	GATCTGATGG	CCTTTTCTGG
198601	CTCTTGTGGG	TACCAGTCAT	GCAGCGTGCA	CAGAGACACA	TGTGACCTTA
198651	TACTTGAGAG	AGACACGCAT	AAGCACCACG	ACTGGTGGGC	TGTAGTAGGG
198701	AAGGGTATCT	GCCCTCGGCC	TTTGGTCTCT	TGGGAAGAAG	TGTCAAGTGG
198751	AACATGTGCT	GTCCCCTCA	CTGACGTCAC	TGATGAATGG	GATGTCAGTG
198801	ACCTTTGACC	GTGCAACCCA	GCTGAGCAGC	CAGTCCCATC	ATCGCTCTGG
198851	AGGTACCTGG	CATGCCAGCT	GGCACGCACA	TTGATGAAAC	CCTTCTCTGT
198901	GCGACTGCCC	CCTGGACAAA	CTTCTTCCAC	ACACCCCGTC	ATGTTCCACT
198951	AGACCACGGA	ATGATGCCTA	ATGTGAATTT	CCATATGTCT	GTCACTTACA
199001	ATCTCTTGAC	CATCTACGAT	CCTGTCTGTT	TCTAGSTCTC	TAGCCCTTAG
199051	TGATTTGCAT	ATGGCAGTGA	ACGTGGACAA	ATGGTCTCGG	ACCTCAAGGA
199101	GCTTACGTTT	TAGAGGACAG	AAGCATCTTT	TTTAAGTGT	ACAACACTTG
199151	CTGTTTGGAG	CAAGTATGGA	AATTCTGAAA	TCAGAAATGC	TTTCCTTTGG
199201	TCGGTGAGGA	AAGCGCAATT	AAATAATCAG	CCCAGATCGC	AGTGTGTGAT
199251	ACAGAGCCTG	CATTTCCAC	CCTCATCTCA	GCACCGTTCT	TTTACCTGTA
199301	GTGCTGCATT	TCCTTTCTGA	ATATATTTTC	AGGCATTAAC	AGATCCCCAC
199351	CTTGAGTTTT	TCCTTATTCT	TCAATCATAG	ATGGTGTAGG	GAACTTGAAG
199401	GGCGATTATG	TGAGTTCCGT	TCAATTCCTG	ATGCATTTAT	TCTCATTGCC
199451	CTTAAAGTGG	GATTTAAAT	CCAGAACATC	CCCCGTAGTG	CCTTACCAGA
199501	TCTGGCTCAT	GCCATTTCTG	AGCTCTGCAT	GCAGACCTAG	CCCTGTAGTC
199551	CCCGTCTTCT	TCTGGCTACT	GTGCTCTTTC	CGGCTTCAGA	CCGCTGCCCT
199601	TCCTCTGGCT	CAGCATGTTC	CTTCTTCTTG	TCTCTTCCAC	ACATTAGGCC



199651	AGCCTTGCTT	CATGCACAGA	GCTCAGCTCA	TATCCCCATG	TGCCATATTC
199701	CCATGTCTT	TTTCTTCTAC	AGATTTATGC	ATGTGAGCCT	TTTGTCAGCA
199751	CATGTGCATT	TATGCCACGA	ATGTGCCAAT	ATCAGTGGCA	TTCCGGCAGAA
199801	GGTGCTAGAT	CCCCTGGAAC	TGGAGTTATG	GATGGTTGCA	AGCTATGTGG
199851	GTGCTGTGAA	CCAAACCCAG	GTCCTCTGCA	AGAGCAGCAA	GTGCTTGTGA
199901	CCACAGAGCC	ATCTCTCCAG	TCCCTGCACT	TGTATTTTAT	AGCACACCCA
199951	GCACAGTACA	TGGCTATGAT	GACTGCCTGC	TCTCATTCIT	GAATGGCTAG
200001	AGCATACGAG	GGTGTGGCTT	CTACCTATGT	TCTCCCTATC	ACTGTTTCCC
200051	TAAGTGGCTT	CCTGTTGACA	CTGCAAACTA	AATGAATGGA	TGAAGGAAC
200101	CAGAACATCA	TGATAAAGTT	TAAAGTGATA	TGGTGTGTCC	TCCTGGGACA
200151	TGACTTTAGC	AAATGAACGCA	GCTTATAAAG	TAGTGCAGGT	TTCTCATGTT
200201	TTGCTAATGT	TTAAATAAAA	AAGCAGGATA	ACATCTACTA	AGATTPGGAA
200251	AAATAAATAA	CAGGCTGCAA	AAATGTAACAC	GAAGGGATAC	AGACCTGGTG
200301	GAGACAGGGG	TTGGGGAGAA	GAGAATAAAT	TAGTTTATTG	TCTTTTAAA
200351	ACGTCTCTIT	CCCCTTAGAC	TGTGAATGGC	TTGATGCCAG	CCACCAAAAC
200401	TTATGTTTAT	ATCTTTAGGA	AGAATATAIT	CCTCTGTACA	AATCAACTCT
200451	TGAGCAAACT	TGAATAAGTC	GTAGACCTIT	GGAGCCAACT	TCACATGTTT
200501	TTAATGCTGA	TATTACACAC	AGAAGCAGTA	TAATTTATGC	AAAGAATACT
200551	GTATACAGAA	TCAGAGAGCT	CTAGTATCTT	AGTTACTTTG	CTATTGTTGT
200601	AATAAGCCAC	CATGAGCAAG	ACAGTTTATA	GAAGAGTTTA	TTGGGGCCTT
200651	AGGGTTTCAG	AGGGTTAGAG	TCCATGCGAA	TGATGGCAGG	GAGCATAGCA
200701	GCTGACAAAG	AGGCATTTGTG	TTGGAGCAGT	AGCCGAGAGC	TTACACAGTA
200751	AGACACAAGT	ACCAGGCAGA	GGATCTAACIT	GGGAATGGCG	TGGGCTTTTG
200801	AAACCTCAAA	GTACTGCCCC	AGTGAGACAC	CTCTTCCAAC	AAGGCCACAC
200851	CTCCTAATCT	GTCCCAAACA	GTTCCACCAA	TGGGGGTGGG	AGGGCAAGCA
200901	TTCAAGTATA	TGAACCTGTG	GGGTGCCATT	TTTATTCAAC	TTCTCTAAC
200951	TAGGTTTAAA	ATTTACAATTA	AGTTTAAAAC	CTGGGTTTAA	AACATAAAT
201001	AAGTGAAGGT	TAATTTGTGCC	TATCAAGTAG	AGTGTGCTGT	GCAGGCGTAG
201051	TGTGTAACCA	GGTATATCTC	AGCAGGTGTA	GTGTGTAACC	AGGTGTATCT
201101	CAGCAGGTGT	AGTGTGTAAC	CAGGTATATC	TCAGCAGGTG	TAGTGTGTAA
201151	CCAGGTGAAT	CTCAGCAGGT	GTAGTGTGTA	ACCAGGTGTA	TCCTCAGCAGG
201201	TGTAGTGTGT	AACCAGGTGT	ATCTCAGCAG	GGGTATGTGC	ATCCTTTTGT
201251	CTTTCTCTTT	TAGCCTAGTC	CCAGAAATAT	ATAGTAAATA	GATCATTAAA
201301	CAGAAGCAGG	TAACCTCAGG	GTCTTTGAAT	CATAGCAATA	GAGTTATACC
201351	TTGTTTTACCC	AGACAATTAT	GGGATGCTTC	ACCTGCAACC	CAAGACAGTG
201401	TGTAGGAGCT	GGGGAGCTGT	CCATCTTTGT	CCACAGTCAG	ACTGTAACCTA
201451	AAAATATGGA	CCAAACGGTT	TTTCTAACAT	CCTAGGGTTC	AAAGCTGTTT
201501	GTCCACTGTA	GTAAGTTCTG	TCTTTCCAGT	CTTACAGGCA	CCCCCATGCG
201551	TCACTTCTTA	CAGCAGTTCC	TTGCGTTGCT	AATTTTCATCT	GTCTTTTAGT
201601	ATCCATTCCC	CCATCTCTTT	CTGTTCTTTA	CCACCTATCA	CCCCCCCCACA
201651	CACACAGTTA	AGATGGGGAG	AGGGTAAGAA	TATGGGGTGA	TGGTACAGCA
201701	CATGCCTACC	ATGTATAAGG	TTCCAAGTTT	AGTCCTCAAT	ACAGAAATCA
201751	ATAAATGCAC	AATCCTTGTA	TTTATGTATC	TGTTTCAATTC	TTTAAAAAGA
201801	TGAGTGGATG	TCGGATGTGT	CAAATGTTGA	TGGTAGCCAC	CAAGTTCCAT
201851	CCTGATTTCT	TTTGGAATGT	GTCTGGAGTT	GGTGAGTTCT	CTGGTTGCCC
201901	AGCCGCCCCC	CCCCACCCCA	CTAGGATACA	GAGGCCACGG	AAGTATGAAG
201951	AGTGTTCTTT	CTCCTTTGAT	TGTAGCGTGA	TGAGGTGCGG	AAGGACAGCC
202001	GCTGAATCTG	CAACCTTATG	GGTTAGAAAC	CAGAAATACA	GCAGCCACCT
202051	TGTGTTAGTT	CTTGTGAGGC	ACTACACAGA	CAACTAGGTC	TCCAAGGAGT
202101	TTGGAGCCCC	GTCAGGGGAG	ATGGACATGA	GAGCAGGCTT	GGTGCCATCT
202151	GAGCACATAG	CATAGGCACA	TGCAATGAGGG	AGGGACAGAG	GAGGCAGTGG
202201	TGGGGCTGTG	AAGGAATAAG	GCAGAGCTTG	CCACGTAAAC	AGGGTGAGGG
202251	GACAGCGTGG	CGTGTTCAGG	GATTTCCTGTC	TGTGTGGCTG	TTTCTGTACT
202301	GTCAGGTGTG	AAGTGTACAG	GTGCGAGGCT	ATGGGATCTC	TTTTTCTTTA
202351	CTTGGTTCCC	CAAATAAAAA	TGAAGCCTTC	CCATCTGTCT	AGGATAGCAT
202401	GGGTGATAIT	TTTCTTAAAC	ATTTGTACATA	TTGAGATTAT	ATTAGCTAAT
202451	TTAAACAGTG	TACATATTGG	AAATTATATT	AGCTAATTAT	AATGTGTCAT
202501	ATTGAGATTAA	TATTAGCTAA	TTTAAACAGT	GTGCATATTG	AGATTATATT
202551	AGCTAATTTA	AAAGAAAGAA	TCCACATTTT	GCTCTTTACT	AGTCAGCCTC
202601	TAGTGCCGAT	TAGGTGTGGG	GTTTTGAACC	ACCTGAGGTC	ATCTTTTGTG
202651	CCCTCTTAGG	GGCAGACACC	ACCACAAAAG	CATTACCTCA	CAGAAGGATG
202701	GTCTATACTG	TAGGCAGTTC	CCAGGGACTT	GATAGAGTAG	TGAGGAGAAG



202751	AATGGGGGCG	GCCCCACCT	TGCCCCACCGT	GGCTGGCCAT	GCACCTCGGA
202801	TACTGTGTAC	CTTTAAAATC	ACACCTGTGTG	TACGCCTTGG	TGGCCTTTCC
202851	AGGCCAGGGA	TC'TGGGTAGT	CAGTTTATAG	TTCTAGGAAC	CGAGCGAGAC
202901	TGCTGTGTTA	GCACTTGTGT	GCCTTTTATG	GGCCAGGGAA	TGGTGT'TGAC
202951	GGAA'TCTAGG	CAGCTGGAAC	C'TGCAGCCCT	AGCAGTTTGG	TCCGAGGAAG
203001	AACTTTGGGG	G'IGAGAAAAT	ACAGCTCATT	ATATAAAGC'I	ATGCTGGTGC
203051	TCACACAGCT	TGGAGGGCAG	AGGACCAGTA	TTCCAAAGGC	AAGGGGGAGT
203101	GACCTGACTG	CCTCCCCCA	CCCCCCTGA	TCCTTTTGT	GAGAGC'IGCC
203151	TTTGGGATCA	CAGTGGCTTG	CTTTGAAAAG	GGCGGCACTC	TTCTGT'TGCT
203201	GCCTCTGAGT	TGT'TT'TGTTA	ATTGGCACAA	AACAACAGCT	ACACACACAC
203251	ACACACACAC	ACACACACAC	ACGAGATTAT	ATTAGCTAAT	TTAAACAGGG
203301	TACATATTGA	GATTATATTA	GCTAA'TTTAA	AAGAAAGAAT	CCACATTT'IG
203351	CTCTTTACTA	GTCATATATG	TGTGTGTGTA	TATGTACATG	TACATGTACA
203401	TGTACATGTA	CATGTACATG	TACATGTACA	TATACATA'IA	CATATACATG
203451	CAAGG'TTAGA	GGAAAAAGGG	TGGCTGAAG	AGGGGCTGGG	GCT'GAGGTGG
203501	GGAGGCGAAA	AGAGGTGCAG	AGGACCTGAG	GCAGGTCACA	GGCACCCCTC
203551	CCACTCTGCC	ATGGGAGGCT	GTCACCAGCC	CATCCTAGCT	TCCCTCCTTG
203601	AGATGECCTT	GCCAGCCTCA	GGCTCC'TTAC	AGCAGCAAGG	TGCCGAGGTG
203651	GCCCAACTCA	GCAAGCTGGG	CAAGCCAGTC	CTAGGACAAG	CCCGCCAGGA
203701	TCATGCCAGG	ATGCCAAACT	CTTCAGCCTG	CCCAATGCCA	GCT'FCAGCCC
203751	AAATAAAGGT	GGCCTATCCC	GTTCTGTGCA	TAAAGCCACA	AACAGTAAAA
203801	CCCCTTCTCT	G'TGGAAAATC	CCGAAAGATA	ACGGGCCAGA	GTCAGAGGGA
203851	ATAAGACAGA	AAGTCAGAAC	ATT'TAAAGCT	AGAGAGCAGA	GGAGGATGT'T
203901	CAGGTACAAA	GGAGAAAGAA	GAGAGGCACG	CCTGGT'TGGC	TTCGGAAACT'
203951	GTCACGAGGC	GAACCCATCA	TTAGTTT'GCT	GCAGCTGCTT	TCTCTGATCT
204001	AGTTTCCAT'I	CTTAAAGTGG	GAC'I'TTGAAA	TGATATAGGG	AATCTGGAGC
204051	CGAGATACGG	TGTGGTCCAT	CCCC'TGT'TCC	AGT'TCCAACC	TGACCCGGGT
204101	TGGGT'TGTGT	CCT'GCCTGTC	CATCCTCACT	CCCAGCCCCG	CCCACCCCGT
204151	TTCATGGCAA	CTACGTAGGT	CTCTGACTGA	CATT'TGAGCT	GAAC'TTGACA
204201	GACTGAAGT'I	GGCAGTTGTC	AGAGTCTTGT	AGAAATTAGA	GAACGCTGT'G
204251	GGCCAAACAC	TGTAGCCTCT	TTTAAAGGT	ATACACCCTG	CTTATTTACA
204301	GTATGAATTT	GATGTTGATA	CTTAT'TCATC	CTAACCAGAT	GTATCGAACG
204351	ATATAATCCG	TTATTT'TTAA	AACGTGTTAA	TTTGGTTT'TA	TAACACCATT
204401	CTGGTTGTAG	TGTAAGGCAA	GGAGCCAGAT	TTGCCTGAGC	CACAGATCTC
204451	TGTATTGACA	CCCGAGGATT	TCTTTTTTAA	AAAGACTCCT	AAGATTAAAT
204501	ATCAAGCATA	CAGTCAGCAC	AA'TACAGTCA	GAAGTGGCAA	GGCTGTTGTC
204551	AGTTCCTGTT	GGCATGCTCC	CCTGAACCAC	CGAATTTTAA	CAACACAAAA
204601	GACCACCACC	TCCACCACCA	TCACAAAAGG	AAAACCCAAA	TCCT'TGAAA'I
204651	GGGCAAAAAA	GAAAGATGGC	TGAGGTTAAA	AGTATTGTCC	TCATCTTAGA
204701	AATAAAGGAA	TTATTT'TTTT	ATCTGT'TAAG	GAAAAAATTT	CCCATGCT'GT
204751	CCCATTGTCT	TAGAGCGGAA	TGCAGGGTTT	TATAGGGAGA	AGACTAGAAA
204801	CCACTGTAGA	GGCTAC'TCAT	TTTCACCAGG	CCTTCCTGCC	TCACGCCATC
204851	TCATTAA'TCA	TAAGAGGCTT	TCGTTAAAAC	ATTCAACTCA	TTTATTTTGG
204901	AACACTCGAC	TTCAGAAGAT	GCTCACTGTT	TCTTAT'TACA	TAGAAAATCT'
204951	AAACATTTTC	TAGT'TTAAGG	AACAAAGCA'I	AAACTAAGAC	TTCGCTGGGG
205001	CTGGGGTGGA	GGTGGGGGTG	GGGGTGGGGG	TGGGGGTGGG	GTCTGGCCAA
205051	AGAGACTGGC	AGCTCG'TAGA	AGAGAGCTTG	TCCTGAGCCA	GT'TCTGTGTG
205101	CATTTACAGC	AACCAGCTG'I	ATGCACCAGG	ACTGGAGTGC	CGGCT'TCTGG
205151	CATCCTCAGC	TGCATAGAAC	TGACTTT'TAA	AGTAGAAAAA	ACAAAAACAA
205201	AAACAAAAAA	CCCCAACATC	TGCTGAAGGA	GACCAGGTGA	TTTCTAGATA
205251	TTTAATTTGA	TGAGTTGGAA	TTAGATGGTC	AAGGGGAAAT	AACTGCTTTT'
205301	CAATATCTAA	GTGTTT'TCTT	CCTTGAAAAA	AAATTCAGT'I	AAGTGTGATA
205351	AACGCCCAGG	AATGAGGCCC	CATCCAGCCA	CAGGAAAGAC	ATTGTGGCTT
205401	TTAAGCT'GCT	GGCACTTTTC	TTTGATGTTA	ATATTCTT'I'	CTTTTTTTTAA
205451	T'TTTGAAGGA	GCTTATTAGA	TGTGTTGCTT	TCCCATAGGA	TTCCATAT'TG
205501	TGGTTTACTT	TCAAAT'TATG	AAATATTTT	AAAAGAGTCC	GGGTGACCTT
205551	TTGCCATCAG	TTTGT'TCCT'	GTGACACATG	AGAGCAATAT	ACAGT'TTGT
205601	C'TTAGCATAT	AAGACTGTGT	CTTAGTGACA	GCCATGCTTT	TGTGGTGAAA
205651	GACCCAACTG	GAAAAATGTC	ACATGTGGTC	ACTCATAATC	ATTTGGAAAT
205701	TCACTTGT'CA	TTAAAGAATA	CAAAAAAGCA	GCCACAGACT	AGCATTGC'I'G
205751	GGCTATTTAT	GATTA'CTGTA	GCAGT'T'I'GT	GTGACTGGGC	TCCCT'TTCTT
205801	AACAGCGAGA	TACAAAGCAA	GCAGCATCTT	TGCTCGGAGG	GATGTT'CTCT

205851	TGATAAATTTT	GTTGTATGAG	AGTC'TACCTG	CTCAAAGCAG	TTGGACTTTC
205901	GGT'TTTAAGC	GGCTCTCTGC	CTGCCGGCTG	CTGTCTGCTG	CTTCCAGCTT
205951	TGCCTGTGGC	CTGCTAGCCA	AGTAATCCTT	ACAACATTTT	TCTTTTGCTTT
206001	CTTATAAACA	GTTTAGAGTC	CTCCTTGCCCT	TTCT'TGAGGC	CTGCGGTAAA
206051	GTTGGAAGAG	GGGAAGTCCA	TATGAAACTG	TCCTTTG'ICT	TTTCCTCCAT
206101	ACTCTATGCA	GGAGTACCCA	GAGCGGCTTC	TGGGGAGGTA	ATTTTGTCCG
206151	CCTGAGGGTT	TTACAATAGG	TTCTGTTGTT	CTTATGCGTA	GGCAAAGACA
206201	TGTCTTTTGT	TTTAGAGGAT	TFTGAAATGT	GTTCCCTCCAC	CCAGAGCACC
206251	CAAGCCCAGG	CTAAGCACAG	AATCCTTTTA	TAACCTACAGG	TTAT'GATCTG
206301	ATTCACTAGA	AACAAGGGCC	GGTGTTAAAA	ACAGAGCCTA	AGGATCTTGA
206351	GGCCCTCTGT	AAGGATTACC	AAAAGAAACC	AGTGAAATGT	ATCAAGGAAG
206401	GAAAGCTACAG	TCAAAACTGT	ATTTCTTCTT	TAAATTTCTT	AAGGCTCATA
206451	GGAAGCTTTG	CATCTGATTC	TCAGCTACCA	AAAATAATTT	GTGTGTGGAA
206501	GATGCCTCAG	AAATGGAATA	TACTTAGGCG	CCCACGGCTG	ACTGCTTTTC
206551	AGATGTGTGG	TTATCAGTTG	TAGCTTGAAT	TTAGAGAGTA	CGAGATGATG
206601	CAGACAGGGT	TCCTGGGGGG	TTAGTTTGT'T	ACTTTCTGAG	ATAGTTATTT
206651	TCTGAGATTC	TGATGAGAAG	CCTGACAGAA	TGCCTTCAAC	CTCTGTGACT
206701	CCCAGGAAAT	GCTGTTAGCT	TTATTCTGGT	TTCATAGTTT	TGGTCAAGGT
206751	AGATTCCAGA	ATAAAACAGA	CATTTTCTTC	TTAGTAAAAA	GGGGACGAGC
206801	CATCCTATTC	CTAGGCTCGG	AACTAAGGCA	AGTC'TTGCGC	TTACCCTACT
206851	CTGTTGCATT	CTCGGGTTAT	CAGATTTGCA	AGTCGGAGTT	TTGGGAAAGTT
206901	TCTATCGGGA	CTCAAGCAAC	TCAGCCTCCA	GTCC'TTGCTA	ATACCAACAA
206951	CCCGAAGGCA	GT'TT'CTACC	ACC'TGGGAAA	GAAAAAATAA	TCTTTCTAAA
207001	AGATGGCACA	CGGCTTGC'TT	TCCTGTGCAC	TTTCAGCAGG	TCTAGAGCTG
207051	CATCTGGCCG	AGTCGGGTAA	TCCAATCTAT	TTTAACGCAA	AGATTTTCCG
207101	AGAAGGCAGG	AAACCAGCAA	GGGGGAAGGC	TTTCAGGCAT	CTGCTGTTTC
207151	GTTTCCAGAT	CCCTTGTGTT	AAT'TTAATGT	TTCTAGGGAA	CCCGGGGTTT
207201	TTTCTCGGAA	TCTCTTCTCT	AGGAACCTGGT	GTGTGCCCGG	ATAAGGCTAA
207251	GACTAAGGGG	GCTGCAGCCG	GAGGCAGCGT	CCCCGCTCCA	GGGTGCAGAC
207301	TTTCCCCGCC	GCCACCGCCA	CCGCCACTGC	CACCGCGAGG	GTGACAGCAC
207351	CCTTCGAAGA	GTGAGTGTTT	GCCTGTGTGC	AAT'TAGGAAA	GGCAACCCCG
207401	TGAAGCGATC	GACATGCCCT	CACCCCATCA	AAACCAGGGC	AACTCGACTC
207451	TGTTGAGGAA	ACAAACTCCA	TTCCATCCCA	AGCCGGAGTG	AAACGTGAGC
207501	TTTGACACAA	CACTGGCACT	GCTTCGGGAA	TACCGGGAAA	CTCGCCTTTC
207551	TTCCAGCGGC	CTCCGCAGAG	CTTTGCCCCAG	ACAGCAGTAC	TATCTGTCTG
207601	GGGGTTTTAG	TGTGTGAGAT	GAG'TTTTGGT	TCCGTGCTTG	CAGCCAGGTG
207651	TTAGCACTGG	TGTGTGTTGG	GCCCTATCAG	CCCTATGACC	AACAGCCGGC
207701	CTGGCCTCTC	CAGCGTCTCC	TCTCCCGCCA	TGGACCTGAA	GCC'PCACTCA
207751	AACCTCGCTT	CTGCAAAGGC	GTCCTGTAGA	CAAAAGCCTG	CCCT'TAAAAA
207801	TTTTAAAGAC	TGTATGCTAT	TCCTGTTTAG	ACTCACGCAA	TGGGGATAAT
207851	CCATGCTGCC	CTGAAAATAG	GGTTGAGAAC	TAAGATGGAG	TGAGTT'GACG
207901	TGGCCCTTTA	ATAGTAGAAA	CAGAACCAGG	ACTCCGATAA	ACCCAGCATT
207951	CTGTTACTGA	GT'TACAGAAC	TATTCTACAG	AATCCTAGAG	GTGGACCAGA
208001	GTGTTGTCC'T	CTTGTCATCC	CCCCCCCCCQ	TATGACATTC	TAGCAATCTG
208051	GCTGTTTCTG	ATTGCTGTGG	TTGTGATTGC	ACACAATTCC	ATCGCTGGAA
208101	AACTCTAATG	ATTGCACTGT	TGTTTCGAAC	ACTAAGTGG	ATTCTCTGAG
208151	AAACTGTTCT	TTAAACAATG	AAAGGCTAAA	ATTACTCTTT	TCCGCATATT
208201	TTTAATTGGT	GTGGATGTAT	TTGAAAATCA	TGATAAAAAAT	GAGCTTTCTA
208251	TTGTGTTTAC	ATTTAGGTTT	CAGTCCAGGC	TGTGTGTGCT	ATGAATTATT
208301	GGGAACAATC	TTTGGTTCCT	AGGTAGTGCT	TTGAGGTTAT	GTAATGAAAT
208351	GT'TATATTGT	AATATT'TAA	CATT'TTAAAT	GATTTGACAC	TTAATATT'TA
208401	TTATTTTTTT	TTATGTGCTT	TGGTATTTGA	CCTGCA'TGTA	TGTCTGTGTG
208451	AAGGTGTCAG	ATCCCCTGGA	ATTGGAGTTA	TAGATACTTG	TTAACTGCTA
208501	TATGGATGCT	GGGAATTGAA	CCTGTTTTCCT	CTGAAAAAAC	AGCCAGTGCT
208551	TTTAACAATG	GAGCCATCTC	TCCAGCTCTC	CTCCTCCTAT	TATTATTATT
208601	ATTATTATTA	TTATTACTAT	TACTAATGTG	TGCTCCAGAG	GACAACTTCT
208651	GAACAGT'IGC	TACCTTCTTT	GATACAGGGT	CTCTCATTTG	CCTGGTGCTC
208701	ATGGATTAGG	CTAGCAAGCG	CCAGGATACC	TTGTCTCTGT	CTCCCAGGAA
208751	CGGCATTCCA	AGCCTAGGCC	ACTGTCTCTGA	CATTTTGTGT	GGTCTGGAAG
208801	ATCTGTTTCA	GGGCTTCATG	CTTATAAGCA	GCAGTTCCCA	ACGTGTGGGT
208851	CCAGATCTCT	TTGGGAGCCG	AAAGGGCCTT	TCACAGGGGT	CACAGGTCAG
208901	ATACCC'TGAA	TGTTGCA'TAT	TTATAT'TACA	ATTCAAGCAG	GCTGCAAAAC

208951	TACAGCTATG	AAGTAGCAAT	GAAATAATCT	TACAGTTGGG	GGGAGGTCAC
209001	CACAGCATGA	GGAAGTGTCT	GAAAGGGTCG	CAGCATTAGG	GAGGTTGCGA
209051	GCCACTGTTT	ATAAGGCAAG	CTCTCTATTG	AGAGAGCAAT	CTTCCTGGTC
209101	ATATCTTGAT	CTTTATAGTA	TCCAAAAAAA	AATTATTTT	CTGTGTAAC
209151	GAGTTAAGTT	GGAATCACCTA	AGTAAAGATA	AGTGAGTTTA	AGAAAGTCTT
209201	AAACTGTTTT	CTTTACCCCTC	TGTATTAGTT	TTCTATCTTG	CATAACAAGT
209251	TCCCTCCCAG	GTTACTTACT	GGCTTTTAGC	AATACACACT	CTCTTCCACC
209301	TCTTGCTGTG	AGGTAGAAAT	TGGGGCGGGA	GGATGGCTCC	TACGCTGTCT
209351	CTGCCCAGGG	CTGGGGCGGG	AGGATGGCTC	CTACGCTGTC	TCTACCCAGG
209401	GCTGGGGCAG	GAGGATGGCT	CCTACGCTGT	CTCTGCCCAG	GGCTGGGGCG
209451	GGAGGATGGC	TCCTACGCTG	TCTCTGCCCC	GGGCTGGGGC	GCGAGGATGG
209501	CTCCTACGCT	GTCTCTGCCC	AGGGCCTCAG	AAGGCAGAGG	CAGCGGCAGG
209551	CCTGGACTCT	TTTATCCTA	GGACTTAATC	CAGTTTGTG	GTTGAACCTA
209601	GTTCCAGGAG	GATGTTGGGG	TGGGGGTGGG	GCACCCCATG	TTGTCTTTAG
209651	GTGCGTGGG	GTCTCTCTGA	GGCTGCTTC	CTTTCATCTG	CACAGCCAGC
209701	AATAGCACTC	GGGAGGAGCC	CGGATCCTGG	CCTCTCTTTC	CGGCTTCCC
209751	TCCCGCAGAG	CTCACCAGTG	TCTTTAGTCA	GCTGACTTAC	AGTAACCTTA
209801	ATTACACCTG	AGTGCTAGCA	AGTATTGTCC	CTAAGAGTTA	AAGGCTTGAG
209851	TGACAGGGCT	TTTGAAGTAG	AAATGGTTTG	AAGTTTGGGT	ATCAAACCCC
209901	TCTAGACACA	GT'TTTTCGAT	GGTGGCAACA	GACAGAACTA	A'TCATCCTT
209951	TAAAGTGACT	TTTAAACATTA	TTAAGAATTA	ACTTTT'TTT	TTT'TTTTGT
210001	AGATAAAAT	TAAACCCCTG	CTGACATCAG	ATATTACCCA	TTAGTCATCT
210051	TTTTGAGT'T	ATGTAACAA	AAATATTTTC	CATAATTGTT	GCCTCCTTCC
210101	CCTACCCCCA	TGAGACAGGG	CCTTACCATG	TAGCACAGGC	TGTCCTGGAA
210151	TTCAGAGGCC	TTCAGGAATG	CTCCCTGAGT	GTCACCATAC	CTAGCTTAGT
210201	GTTTCTTAAA	ACTCAACCTC	TGCTTTGTAA	AATCTTCTCC	AGTCTTTGGT
210251	TTT'TGATAT	ATAATGGACG	TTTACAGTAC	CTAAACACAC	ACATAATAAT
210301	ACTTGTGAGT	GCTTTTCATG	TAACTCTGA	TTTCAGCCTT	GGAGAATTTT
210351	GAATGTACTA	AACATAACTA	CTCTAGATTT	CAATTTTCAG	TGAGAAAACC
210401	GGGTCTCCTG	ACTTCCCTGT	CATTAATGAG	CTTGCAGCTT	C'TGTTTGT
210451	AGGCAAATGT	AAATGCTTTC	TTCATTTCTT	AGAGGTCTGA	GTCCTCTCA
210501	CATCTTACTA	GGCTTGCTTT	TATATTTTAA	TTTACTGTTT	ATAAAATTGG
210551	ATTACTATTG	CTTTATAAAT	TCTATTTT'T	TCTTTCAGAA	AATGGTGTGT
210601	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTATTTTAGG	CAAGCATTTT
210651	ACTGTGAGT	CAAAAAGTAA	TTAGCTTCAT	AGTCACTTGA	AAACAGTAAA
210701	ATTGGGT'TC	TCTTGAACCT	GTCTGT'TT	GAAAGAAAGA	CATTTGGTTC
210751	TTTCCCTTCTG	CTGAAAAGGT	TAATAATAAA	TTGCAACAAA	AGTCATAAAA
210801	ACATAGTTTT	GGCAGAAGCT	TAAATGGACA	GTCTGACAGA	CTGGAGGCA
210851	CTGACAGGAT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CGTGGTGGTT
210901	CTGTTGGAGG	TTTCTCTGAC	GAT'TCTCTGA	GAACAGGAAG	CAAGACTTGA
210951	T'TTTTGT'TT	GT'TTTGT'TT	T'TTTGT'TT	T'TGCTT'TTG	CTTTCTGT'TT
211001	TGTAGAATGA	AAAAC'TT'AG	CAAGGAAAAA	AAAAAAGAAG	T'TTCTCAAC
211051	TGTATACTTA	AACAAAACAA	AACAAAACAA	AACAATAAGA	ACTTTTCAGC
211101	CCAAGAACTT	ATGGTAJ'TCC	AGAGTTTATT	TTCAAGTTAC	ATACTTGATA
211151	TTAAGGATAT	GTTTTTCTCA	AGGAAATAAT	GTTGTCTATA	AAGTATTTTG
211201	GATTTTCAAT	AAACCCAAAA	TTCAAAGAAG	TFAAATCTAA	ATAAACACAG
211251	GACTTCAAT	TTGCACCCAG	ACCCTTGTGG	GACCTGTC'TG	TGATGTGAGA
211301	CCTGTCTGTG	ATGTGGGCAG	G'TGATGTTGG	CTCTTGGGAG	GTTAAGGAAG
211351	GAGGATTGCT	GAGTTCAAGG	CCAGCCTGGG	CTACGGTGGT	AGCTTTTAAA
211401	ACAGCAAACA	AAACAGATTC	TGCTGCATTC	AGATCTTTT	TAAAGGATAA
211451	TATGTGTGTA	CAGCAGTTGT	TACATGGCCT	TGAGATGTGG	TCTGGAGAAG
211501	GCCTCTATAA	TCCAACACAT	TCATATTTCT	GCAGCAACTG	ATGAATATTC
211551	ACACACACAG	TGGCAGACAT	ACAAACTATA	AATAGTCTCC	TGTGAGCTCA
211601	GGTCAGGTTT	TGTCAGCAAG	CAAACCTAGG	CCTGGGGAGT	TCAGTTCAGG
211651	TCACGCCTTG	CTGCCAAATG	AGTTATGAAG	AAATGCTCGG	CCTCAGAGCG
211701	CTGGGAGTTC	AGATCAGCAC	ATCTCTACTG	AACTCAGCTT	TTCTTTTATA
211751	GTAGGAAAAA	CTGCACTAGT	GTGAAAAGTT	CTGGCCATAG	TATAATATCA
211801	CTTTGTGATA	AAATATATTT	AATACCAAAG	ATTTCAGCC'TT	CAAAACAGAC
211851	ATGTACAAGT	AACATTATAT	AAACTAAACA	GGTTTTATTT	ATTTATTTAT
211901	TTATTTATTT	TATTTATTTT	TGAGACAGG	GTTTCTCTGT	GCAGTCCTGG
211951	CTGTCCTGGA	ACTTGTCTCTG	TAGACCAGGC	TGGCCTCGAA	CTCAGAGATC
212001	CCTTTGCCTC	AGGTCCTGAG	TACTTATATT	AAAGGTGTGC	TCCACCATGT

212051	ACAGCAACCT	CTTGTA'TTA	TATAT'TTAGG	GGCATATGTG	TACACATACA
212101	CAAACACACA	CCACTACCAC	CACCACCAAC	AGCAACAA'TT	AAGGAAAAAG
212151	AAGCCATGAA	T'TTGAAAGTG	AGCAAGGTAG	GGGGATACAT	AAGACAAGGT
212201	T'TGGGGGGAG	GAGAGGGAAT	GGAGGGAATC	ATGTAACTTT	TAATAAGCTC
212251	AAAAAAGAAT	AAACAAATTA	T'TAAAAGCCC	ATGATTCCCA	CCCAGGAAAC
212301	CATTGCTCTT	TTGCAGTAGT	TCAGTGGGAG	TGAAAGCCCT	TCCAGTAACC
212351	ACTAGGCTGG	TGCTGGTTGG	AGTGTGGGTA	CGGGAGCCA'T	GGTCTGGGGA
212401	GTGTTGAGGG	AACATGGGAG	AGCACAGGGC	AGGATCAGGG	ATTGACT'TTC
212451	CGTCTCCCTT	TATTTCTTCC	CTGCTTCTCC	TCTCCATTCT	CTATTTGTGG
212501	GATGTCAGGC	GGTTTGCTGA	AGTTGGAGAC	TGGAAAGAGG	GGTGTGTGTG
212551	TGTGTGTGTG	TGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAC	AGAGAGAGAC
212601	AGAGAGAGAC	AGAGAGAGAG	AGAGAGAGAG	AGAGCATGCA	CACCTCATGT
212651	CACAAATGCA	C'TTGTGTGTA	C'TTCCCGGGA	TACTTGAGAA	TACTGAATGT
212701	TTTTCAGTGA	GCATCAGTGT	GGAGGAACTA	T'TTAGTCCAC	AGCAGTGCTC
212751	TTCTTCATTG	AGCCACCCCA	CAGCTCT'TT	CTCAGCCTCC	TGGTACTGTG
212801	AGAGAGTCAG	GGATTAGGGC	CAGAGCAGAG	CTGCAGTGTA	GCGGAGGT'TG
212851	A'TAGGTCGTT	GATAGGTTTG	TCCGAAGGAG	AAGGTCC'TCA	GACAGTGAGG
212901	AGAGCGACAG	CTGTGCTGTG	GGGGAATGGA	AGTGGAGGT'T	GTCGTATCTC
212951	ACCTTATTAC	GGGCCCTGGC	CTTCTGCCTT	CCATAAACTA	TGTTACTAAG
213001	ACGTTTCTAA	AAGAAATAAT	CATCTCCGAT	CTCTTCTGCA	TTTGGATGAA
213051	ACAAGATGTT	TTGGGGACTT	AACCTGAAAT	GGTTGTCACC	ATGAAGGCTG
213101	ATGTAGGGTC	TGGTAAGAAT	AAGTCTACGA	GAAACCACTA	AAAGTTGCAA
213151	AGAGATTTCC	CAATTTTATC	ATGGGTCCCTG	TTTGTGTGGAG	GCATGCTGGA
213201	TATTTATATG	AACCTCCACAA	ATTC'TCTCAA	TAACATTAAG	TGCTTAATAC
213251	GTGCTAGTCG	ACCATCTGGG	GATATGATGG	TAAATGGCAT	AGACAAGATC
213301	CTGTTGTTCAT	GGAAACATTG	GAGAGTAGTT	TGTTTCGAAA	ATAACAAGAT
213351	CAGGAAGGGT	GGGTGGGTGA	GGGCTCCTTG	ATATGGGTGG	TTGGAAATGT
213401	GTCTGAGGAG	GTGACAACGA	GGCTGGCTCT	ATCTAAAGAA	GAGCAGGGGT
213451	TAGCCATGAA	AGGCCACCAA	GGCCAAAGGA	TTAGGAGCAA	CCTGGTGCCT
213501	CCTGGGACCT	GTTAGTCTATG	TTGCTGGAAC	TTCTGTGAGTA	GGCGGGAGAA
213551	GGCCAGGACA	GACATTCTAA	GC'TTTGCCAG	CCCTGGACAG	GAGTGTGGGT
213601	T'TAT'TCCCG	GAACATGAAG	CTCCTAAGGT	TTTTTTCATC	TGGGGAGAAA
213651	GGCAATTTGC	ATGAGTCTAC	TTTGCCTCTC	CAGCGGATTC	TGTCAGTGT'T
213701	TTGTTTGT'T	TTAACCTTGC	AGGGTGCAAG	GTTAGTCCAG	TGACACATTT
213751	GCTTTTAACT	CAAATACAAA	CAATTTGAAG	TCACTGT'TCC	TCTTTTTTATT
213801	TTTTAGATTT	TCACTTCAAA	TACTATT'TAC	TGTCATTGTT	AGTGTCCCTT
213851	ACCGGTCAAA	GGACGCGCGA	GCAGTCATCT	CTGTAGCACC	CATCAGCTTT
213901	CCTGTTCTCT	TTGTT'TGGGC	T'TTCTACTTT	CTGCTTTCCCT	TTGCTGTTAC
213951	AGACTTCT'GC	CTTCTAACAC	CTGCTGCCCC	C'TTCAGTGAG	CATTCCCTTT
214001	CACGCCTTTA	CGTTGCGTTG	CTCCTCCCAC	TCTTGGGACC	ATGATACTCT
214051	CTGATGTACA	TCTATTGCAT	GGCCTCTGGG	GGCATTC'TTT	CTTGGATGCA
214101	TCGCTTTGCT	TTATAAGACT	TGGTTCACTA	TGACAAACAC	AGAATGCCCT
214151	CTGTGCCTTT	GCGGTACTCA	GTTCTTGTTG	CACGAGTGGA	CAAAGCTGTT
214201	GGAGCACAGA	CAGCTGGGCA	TCTGTGACAA	ACTCGACTAA	CATCGTATCT
214251	TTTCTAAACA	GCTTACTGTC	TAGGGAGGTA	CTTTAGCCTC	CAGAGTGAAC
214301	ACGTACCTTA	GAACCTTAAT	AAAGCAGGAA	ACATACTGCA	GAAGGAGGAC
214351	TGGGTATACA	TGTGACTTCT	GGACCCAAGA	TCCAGCCCCCT	GTGCCGGCCA
214401	T'TTACTGATG	AAT'TCTTCCA	GGAAACAGAA	GCAAAGTCAG	TGTTGT'GGAC
214451	AACCAAGTCA	GGGTT'GAGTC	TCATGAACAG	AAATGATCTG	AAACTTGGTA
214501	C'TAAGGGCAA	GGTGGAGGAT	AACCTTCCA	AGTCAGCTGA	GGGAGGGGTC
214551	GTGTGAGCCT	CTACAGAGGG	TAGCTT'TGAT	CTACTTATAC	AAGATGAGTA
214601	AGTTT'TGGCA	GATAGAAAAG	GTAATATTGA	TGGTTATGGA	TTTGGT'TTTG
214651	CCTTACAGAA	TACTAATTAG	GCCTAGAAAC	AAT'TTAGACC	TGTATTCTTA
214701	CAGTCTCTCT	T'TAATTTT	TTTTATTTT	AATTT'TGAAT	GTGTTTGGT
214751	GTATGTGTGT	GAGTGTGTGT	T'TACACACAC	CAAGAGGGCA	TCCGATACCT
214801	TAGCCCTGGA	GT'TCCAGGCC	ATTGTGAGCC	ACCTGATGTG	GGTGCTGGGA
214851	GCTGAAC'TCA	GGTCCCTCTGT	AAGAGCAGTC	GATATTCTTA	CCCTCTGGGC
214901	CATCTCCCCA	GA'TTCCAG	AATTTCCCTT	TTAACTGATT	CTATGTATTG
214951	TGT'TCTTTGC	CACCTTGTGT	TCAATAATGA	ATTATATACA	TGTTGACGTG
215001	CAC'TCACTGT	GTAT'TTGTGT	ATAGATCATG	ACAGAAATTT	TTGTCTAAGG
215051	AATAG'TTACC	ATTTACAGACC	CATCTCTTAA	GCTGT'CCCAT	CCATTTTGT'T
215101	GGAAAT'TTA	CTGAAATCCA	TTTTCCCTTAA	AACTATT'TAC	TTAAAGTATG

215151	GGAGCTTTAT	CTGGTA'ITTC	CCACGAT'ITC	AGGGTC'ITGT	TGGAAGTAT'IT
215201	GTGCTCCAGC	AAATAC'ICAG	AGCACACT'CA	CGACAGAGTT	TTCTCATTAT
215251	GCTGAAAACA	GCAAT'ITGTG	TTTTTAAGCT	CTTCTGTCT	GGTTTTCAIT'
215301	GTTTGCCCCC	GGCCTGCCCT	AGCCAGACAG	GCTATTGTTT'	TTTTCTGT'GC
215351	TGCCTTCATG	GCTACTGAAA	GAGATCCCAG	ACTCCCCAAA	TACAGTTTCT'
215401	C'TGATCAT'I'I	GGGGGGGAAA	AAAAGTAAAT'	GGCT'IACT'I'I	ATCAGGT'ITG
215451	C'I'IAATAAAG	AAAAATAGGA	AAATAAATAA	AAAGCAATAA	A'TACACAGGG
215501	CTTAGTATAT'	AGGT'I'I'TGTG	ATACCCCATGA	GCCTCCTC'IC	CCAGCT'CGTC
215551	CAGCTCTGCT	TCTTTTTTTTT	TCTGGAAAGT	CAGGCTCCTC	AGATACAGGT
215601	TTCTGGATAA	GTGAGC'ITAG	TGTAAC'TTTT	CCTTTGTTGA	T'I'I'TGAAAGT
215651	AGTTAGGCAC	ACCTGATTAA	AGCGT'GCTCG	TTT'TAGCCCA	GT'ICTCAGAA
215701	AGCTCCAGCA	GTGTGGGGG	GC'TGTCTGCC	CAGCTGCCTC	TGTAAAAAGAA
215751	TGGCGAGGAG	GAGGAGGAGG	AGAAAAGGGG	GGGGGAGATG	CCAGGGAACA
215801	TCAGTCTC'IG	GGAGGGGTGC	TGGACGATTC	CTCTGGCTGT	CAGAGGGCCA
215851	TGGAGCAATT	GAGGTGGCTA	TGTCGTCCCT	ATGTATGGGA	CAGTGATGGG
215901	CCTGTAGGAG	GAAAGAAGAG	GAAGTGTGGG	TAGGGAAGCA	GCCGGACTTA
215951	GCCTGCATTG	GAGACAATCA	CAGGGCAGGC	G'TTAGACCGG	AGACTTCACG
216001	GTACATTAAT	GATTGGAGTT	CATACCCAC	CCG'I'TTTTTG	TAAGGACTGA
216051	AGTTTAT'TAG	TTCTCTCCTG	GCTACTGGTG	TGACTGTGGC	AGACTCACTT
216101	CAAAAGGTGC	AT'I'GACTGTT	AT'I'ACAATTA	AAACTAGTCA	CCACCCACC
216151	AGGCAGAAAA	CCAAGATATT	TTGAGATTAA	AGCT'ACATG	TGCTTAGCAG
216201	TGGCTGAGA	TATCCCATCA	TTTATGGGAT	GAGATCCCCA	TCATTACTGT
216251	AT'I'TCTCAA	CAGATAACCC	TGGGGGTGGT	TTTAGAAACT	TATCGATTT'I
216301	ATGGGAAGAA	AAACAACAAC	AACAACAACA	ACAACAACAA	CAACAACAAA
216351	AAACCCACC	ACATATCTCC	AAATCAATAA	CTAAATAT'I'I	CTCATAGGAC
216401	ATCAAGAAAT	AGAAATTAAC	TCATTTCTGT	TAT'I'TAAATT	ATTAGTGGCT
216451	CCTTATAGGC	CACTACAGCT	TTGGGTAAAA	TGAGCTTGTC	TCTGTAGTCA
216501	AGAGTAGTAA	ATGCAGTGGG	TGT'I'TTCACA	GATGGCATTT	TGCACATGCT
216551	CTGAT'TTGT	GCAAGCCTAA	TTTATAGGAG	TATTTGGCCA	TTTATTTTAG
216601	ATTTTCTGCA	GCTTGATCTG	CCAGTTAGAT	GGACTCATAC	GCAAAGACCT
216651	CAAGCCAGCG	GTGCCCTAGA	CAGCTTTGAT	CCTTTTTCTT'	T'I'TTTTCCTG
216701	CAGGAAAGGA	AAAGCATGGC	ACCTTGGGAG	TGGATCAGTC	ATCCAAATTC
216751	AGATAGGTGC	TGTTGTCTGT	TGTGAT'TCTG	TTGGGCTCTG	TTCTTCTGAG
216801	AGATCCTCAG	AGGTTTCCAG	GAACTCAGGG	GCTAAGAAAT	ATCTTACCGA
216851	GAATTTGAAA	ATATCTCGGC	ATTTAATTTT	GTGTGAGTGT	AGAGTGT'TTT
216901	ATGACTCTTT	AAGTTTGTAG	GACCAGCAAA	ATAGAGAAGG	GTATTGTGTT
216951	ACATAGTGTG	CTAGTTACAA	ATGTTTGCTT	TTATTGCACA	TGATGTAACC
217001	AGAGTGGAAA	AAAACCACAG	CAGTAATAAT	CGTTGATATA	ATCTTGGCTT
217051	GAAGGTAGGG	GGAACACGGG	GGGCAAGGGA	ACAGCACAAAG	AGAGAAAAAT
217101	ATCTGTTACC	AATTACAGCA	AAGTTAC'IA	ATAGTTAAAA	AGAAGT'ITGA
217151	CATATGAATA	AGAATAGGAT	GCTCT'GCTAA	CTCAAT'CAAA	AGGGAACCGC
217201	TCGT'I'TTCCT	TAGGTACT'ITG	ATGAGGGAGA	ATTCTTCCTG	CACGAT'TTGC
217251	T'TGAAGAGTG	GAT'TATTTTG	CTTTGTGAAC	CTCTTCAGTC	CGGTCC'TTAC
217301	AGAATACCAT	TTGGCTAATT	TGAAACGGTT	CCAGTTCTGG	GCTTGGTTGA
217351	ACACTGCCAG	CCAAAAGCCT	GCC'IGTCGTC	TTCCAT'TCGC	ATGCCTTCCT
217401	GCCCTCGGTG	CCCCCAACCC	CTATCCTGCA	CCCAAGGAAA	GAACCTGATA
217451	ACCATGGTTC	TCTGCCTTAG	GAAGCTGTGG	CTCCTTCAAG	GT'GCCCCCTT
217501	CCG'ICAGCTC	CCAGAAAGGC	AAGCAGCAGG	AAAGCAGGCA	GCTCAATCCA
217551	ACCGGGATCA	GCAGATGCTG	CCAAAGTGGG	AAGCAACAAA	GGCAGTCCGT
217601	GGATTTCCAG	GAACGGGAAT	TATTGGAAGT	CTGCTCTTTA	CAAAATAAAC
217651	TGTGATTGGG	AGCCGAGCAC	CC'ICGAGTC	CCTTCTCTCT	GCTGCGGGAG
217701	TGTGGCAAAC	AGGGTAT'ITG	T'TGGCT'TGTC	AAGGTCAGCC	CGGCTAATTG
217751	TAGATACAGT	GGACAAATAG	CTCTCT'TCCA	GAGAAGTGGT	GAATACCAGT
217801	CGTTTGTCA	TCGGGGCCCC	AGCATAAGCA	GTGCAGGAAA	GTAT'TGGTAG
217851	CATTGTTCAA	TCAAGTAGGA	AGAGGAAAAAG	GAAGGAATAG	AAGTGCAAAA
217901	ACGTAGGCCA	AATGGAGTGA	GAGTCAAGAG	AAACCATGTC	CCTGGTGCTA
217951	TGGCTGGGTA	ACCATCTCCC	AAAGCCTCTC	CCAACCCCCA	CCCCACATTT
218001	GCTCAGCAGC	TTGCAG'I'TCT	GTTGGGAGGT	TCTATTGAGA	GGCTCTATTG
218051	GGAGGCAA'IA	GAACCT'TTAA	GAGGAGTGGC	CTAGTGGAGG	AAGTTGAATG
218101	CATGGGGGTA	GGCCCTGGGA	GAGGATACCG	GATCCCT'AGC	CCCTT'ICTCT
218151	T'TGTTTCTTG	GCTGCCAGGA	GGTAAGAGGT	TCCCTTGGCC	ACACTTCTT'I
218201	TCCATGGTGT	GCCGCCTTGA	CATAGGCGCA	AAGCGACCGG	GCCAATAAT

218251	CATGCGTGAA	ACCTCCC'TTC	AAATGG'TGAC	CCAAA'TAAAA	CCATAATGTT'
218301	ACTGTCTCAG	GTGTCTGTCA	CAGCAATCCG	AAGCTCCTAG	CTTGATAAAC
218351	AGGTCTAACC	CAGTGGTCT'	CAGCCTTCCT	GATACTGCGG	CCCT'TGAATA
218401	ATACAGTTTC	TCATGCTGTG	GTGACTCCAG	CCATTCTGTG	GGGAACTGGG
218451	AATAAAATGG	CCAACAGTGT	AGACATGCCC	ACCACCT'CTG	GGGAGCT'ICC
218501	ATGCTACAGA	GAGCTACAGC	CCAAGAAGAG	CGCTGCGAAG	GAAACAGCTG
218551	GCAGTAAACG	AGCGAGTCAC	CTACCCATGC	CTCAGGAAGA	CTCCCTGAAC
218601	ACAAACAGTT	GAGGAAT'TAC	CTGAGGGATG	AGAAGAAGAG	CAAGAGAGCT
218651	CCAGCCAGAG	GCAGCAGCAC	GGGTCCAAGC	TC'TGAGGGGC	AGTGGGCTGC
218701	GCCATGGCAC	TACACCAGTC	AGGGAATGAG	TATGCAAGCA	GCCTAGAACC
218751	TTCAACATGC	TGGGTCTAC	CCTAGCTCTA	CTGAGTGTCA	CTGAAAGGGA
218801	CAGTAGTGC'T	GAATTATTGC	TTTCAAAAGT	TCAGTCT'GCT	GGATCTCTGT
218851	CAAATACATA	TTAGAA'TAGA	AGTATGGAGA	TCATATGCATC	ATCATCTCTA
218901	TATCTATATA	TAAAATGGAG	AAGGTGTTAT	GAACAAAGTG	ATGATGTATC
218951	TGATCTTTTA	GAAATGATTG	GAA'TTCTGAC	AAGCAGATT'T	GGAGAAAATA
219001	AGATCTCTAG	AGAGGG'TGCA	GGGTGACCAA	GTGTGGGGCT	GAGCGACAGG
219051	AGGCAAGTTT	GCACGTGGGC	CAGCATGAAG	CAGCAGTGGG	GACAGCAGCT
219101	GTGAGCAAGG	AAGATGCTGG	TCCC'TGCCCC	GCTATGAGTG	CTCTTAAAGG
219151	CCAGGCCACA	CCTACAGGGG	CTGCTTTAAA	T'TTTTAAATG	AAAATTAAT
219201	CCGAGGGACT	GCTTTAAAAA	TTTATCTCGG	CACATCTCAG	TTACCACGAG
219251	AGAGTTCCGG	TGTGTGTGTF	TGTGCCGATT	TAAAACCATC	TAGATCCATA
219301	GTGAAATTGT	GACTT'ICAAC	AAGACGCCTC	GGCATCAGGA	TCTTCATATA
219351	ATTTTGCCCCA	CTCTGTGGTC	TATAGAATTT	CACATCTACT	GTCATAATGT
219401	GCTGAGCCAA	GTGGTTCATG	GTGGCATCTG	AGGCAGGAGA	ATGGCTATGA
219451	GTTCAAGGCT	GGCTGTGCTA	TAGTAGAAAA	TCCTGTCACA	AACAAACAAA
219501	CAAACAAACT	CAGCAACAGC	AGAAGAAAAA	CAGGCCAAGC	CAGGACATGG
219551	ATGCAATGGG	GCTTCTGCGC	CAGGAACCTA	AACTTGAAGG	TTTATATCTT
219601	GGTTAATTTG	TCATTCAATTC	ATTCACCCAC	TGTGTGTTAA	CTGAGCACCA
219651	GCACTGTTGT	AAGTACTTAC	TCTGGGTGAG	TGAAGGGCTC	CTACGCTCCC
219701	TGTGAGCCCC	TTACCAGTAG	TGAGGGTTTG	GTGTGATTCT	TGGCGTTAGC
219751	CCAGGTTAGG	AAGTGACAGT	AAATAATGAT	CAAGGGAAAG	GCCTGTTGAA
219801	GCAGATATCT	AGACCTGCAG	TGACGGCC'IG	TGGGATACAG	GTTTGAGTGA
219851	CTTGGGGAGA	GGGCCGAGAG	GATCTGGGCC	CAACAAGCCA	GTCAAGAACCA
219901	GCGGCAGGTA	AGAGGTGACC	GGCTGAGCCA	TCCATCCTGC	CTCT'TGTCCA
219951	CCTCTCAACA	GAAGAGTTGA	GGCACAGGCG	CTTTAAATGT	CTCCAGGTGA
220001	CTCTCAAGTG	GCTTTGGGTT	TATCTTGATT	ACACCGAGAA	GCTTTCCAGA
220051	GGAGAGTGAG	AGACAGAGCT	TTATTCTCGA	AGAACACGTG	GAGCCCCAGT
220101	GCAGTGTGAA	ACGCAGCCAG	AGAGAAAGGAA	GGGTGTCTTC	AGGCACACAG
220151	GAACCTCAAA	GTTGATGAGA	GAAAGGGAAC	GCCGAGGGCA	CCCTGAGGAG
220201	CGGTGGCGCT	GGGGTAGCAG	GGAAGTGCAGC	TCAGAGGCGC	ACCATAAAGA
220251	TGAGTTTCCA	GTGTGGCGAC	CTCACAGTGG	TGCAAGTGCA	GAGGTCTCT'
220301	CCTGCGTTAG	GGACAACCTAC	AGGAAGGGAG	GTGCGGCGCA	GGGAGATGGG
220351	TCTCCACCGC	CACGCCCTC	TGCTGTCCCA	GGATGCACCT	CTCTAACTCC
220401	CTCGCTCTAA	AGCCTGGTCA	GGATGCACCA	CCCC'TCAAGC	TCCCCCATCT
220451	TCTTCCCAGC	AGAGCTCATT	GTGTCCAAGG	GCATTACGAG	TGGTAACCTAC
220501	ATTCTGTGAC	AAATGGGAAT	AAAGAGAAAA	TTCTCGGTAA	T'TTTTCTCAT
220551	TCTAAT'TCCC	GGCTT'TTCAG	TATGCTTCTG	GGTCTGACT	GATTCTCTGC
220601	TGACTT'TAAG	GGGAAAAAAA	ATGCTGTCCG	GGCTTTAATC	TAAAGGAGCA
220651	GATGAATACT	GCAAATTCAG	AAAATTGCTG	TCTT'TCTGAG	GACGAGCTTT
220701	TGCTTCTCTG	CCGTGTCTCTG	TGCT'PTGTGT	CTTCCTAACT	AGAAGGAGAC
220751	ACCACCCGGC	CAGTGAGACC	TGAAACAGAA	ACCCAGCTCA	GCAGAGTCAA
220801	AACCAACACG	CTCAAAGTGC	CTTAGGAAGG	TTCAATTACTT	GGGAACATTT
220851	TTAAGCCGCA	GGAAAACCTCA	CTGTCTTTTA	AGCAACAGCG	GTCTCTTCAG
220901	CATCTTGATC	CAGGCTGGAT	AAGGTACCTG	GAGGT'TGGTG	TGTGATCTTA
220951	GCCAT'TGCCC	AGTGCATGCG	CTTCACCCAA	AGTTCATCGC	CTTCATTTCT
221001	AGGATGGCTC	AGTGGGTAGC	ACTGAATCCA	GAAAGCTTGG	TCCTTGCCCTC
221051	TCTTGGTGGT	GAGGCCCATG	AGCCATAGAT	TGGCTCTCAC	ATATTTGGAA
221101	GCTGAGCTGG	ACTCTAAGTG	ACTTACAGGC	GTTTGTGTAG	TGCTAGGTGT
221151	TAGTATTTAG	ACTTATTTAC	TTATTTAGAA	CTGCTAACAT	ATGTGTGCAC
221201	GTGCCACACT	ACGAATAGGG	CTTCTCCCTT	CTGTTCCAG	ACCC'T'GGTT
221251	TCCCTTCCCA	GAGGCTGTGC	TGGT'TCAC'TT	CC'TA'TAAACA	GGACAAGGCC
221301	AACCTTCCCTG	GTCTGTCTTC	TTGGGCAAGC	GCCCCGAGTG	CTGTTTGCTC

221351	CTGAGGAGTT	ATGCTCACAC	TGGGGCTGGA	ACACAAGTGG	CTACACAGCC
221401	AACAGCACAT	CAAGACCGGT	GCAGAAGACT	GCTAACTTCA	GTTGTTAAAT
221451	CTCCATAGCA	ACTGGGTGGT	CTTTCCTCTT	TACCGCTGAA	GAAGCTGAGA
221501	CTCAGACTCA	GGCAAACACA	CATACCCATA	GCCATCTCTC	CTCTACGCCC
221551	CCCAGCATGG	AGGAGGAGGC	GGACCTGACT	TCTGAATGGC	AGCTTTCCCC
221601	ACTTACTGGT	CATGGGACCT	TGGGTGGGTT	ATGACTGCTA	GGACCGTACT
221651	AGCACATTTG	CCTCTGAGTT	CTAACTGAAC	CAAAATGGGC	CAGAGCACTT
221701	AGAGCCATGG	CTAGTCCAGA	GTCAACACAC	TGGTCCCCGT	GATCTGTCTC
221751	AGCCTCACAC	CGCTTTATAG	CCCTCCTCCT	TCTTCCCTCC	AGCCTAGACT
221801	GTCAATACTG	TGGCTTCTCT	CTTGGGACCT	TGAAGGAGAG	GCTGAGAAGA
221851	GTCTGGACAG	CTCTGGAATG	AGCGAGATGT	TCCCTGTGGA	TCCTGCTCCT
221901	TATAGGGGAG	GGGGACAATG	GACTGGGTGT	GTGTCCTACA	CACATGGACA
221951	GGACAGAAGC	CAGCCATGCC	TCACGCTATC	TCCTGACCCC	TGGAGTGGCC
222001	TCTTTATGTT	CTTTTCAGTAT	TTCTCTTTTC	CCTCTCTGTC	TTTTCTTTTG
222051	AATTTTTTCA	TGGAAGGAGG	GAATATAAGT	TTTCTTGCTG	ATPATGGAAC
222101	TTTTTATATA	AGTTTGTTGT	TGTCCTTTT	GGTTGTCAGG	AAATGTCTGT
222151	CATTAATAA	TTTAACAGCT	GGCCATGGTG	GCACACGCC	TTATTTCCAG
222201	CACTTGGGAG	GCAGAAGCAG	GCGAATTTCT	GAGTTCGAGG	CCAGCCTGGT
222251	CTACAAAGTG	AGTTCAGGA	CAGCCAGGGC	TACACAGAGA	AACCTTTCT
222301	CAAAAAAATC	AATATATATA	TATAACAAC	ACCTTTATCT	CCTAATATT
222351	TTATGTCAGA	GAAATTCATC	CGGTGGAACC	TAAGACTTTC	TGTGAGTCGT
222401	TAGGAAGGTT	AAATACATAG	ATAAAAGCCA	TCCATTTAAT	CTTTGATTAT
222451	TTGAGAAATA	GTCTTTTAAT	AGAGCTATTA	AAAAGTTGTC	TTGAATTCAG
222501	AAAATTTTCA	GAATTCAGAA	GTAAATATGT	GTATTTAGTT	CTACCTGAAC
222551	TTACAAGGGA	AAGACAGAAA	ATTTCTGCCT	TTTTTTTTTT	TTTTTTTTTT
222601	TGGTCTGAGA	CAGTCTCACT	GTGTGGCTGA	CCTGGAAC	CTGTGTGAGA
222651	CCAGGGTGAC	CTCAGACTCA	CAGAGGTCTG	CCTGCCTCTG	CCTCCCCAGT
222701	GCTGGGATCA	AAGGTGTCTG	CCCCACACC	AGGTCCAGAG	CTGGTTATTT
222751	TTTGAAATTA	CTGATGATTG	ATTTATGTTT	TTGTTGTACC	TGAAGACAAA
222801	CATTGTTTTA	GCACAAATTG	CCCACAGCTC	AGGAAGTAAA	AGAATTGGAC
222851	CAGTTATTTA	GAGAGGTAC	TAGAAAACAG	CTGGTTTGT	CTCCCAGTCA
222901	TAGAGATTTT	AGTAAATAGC	AGCCTCCCAT	TAGGTTTGCA	CAGTACTTTA
222951	CGGCATATAT	TTTTTCTGCA	AGTGTGCGAT	TCATTTAGCC	CTCTGTGATG
223001	GCTGATTTTG	TGTGTCAACT	TGACACAGGC	TGGAGTTATC	ACAGAGAAAG
223051	GAGCTTCAGT	TGGGGAAGTG	CCTCCATGAG	ATCCAGCTGT	AAGGCATTTT
223101	TTCAATTAGT	GATCAAGGGG	GGAGGGCTCA	TTGTGGATCT	CTGGTCTTGG
223151	GTTCTGTAA	AAAGCAAGCT	GAGCAAGCCA	GGGGAAGCAA	GCCAGTGAAG
223201	AACATCCCTC	CATGACCTCT	GCATCAGCTC	CTGCTTCCTG	ACCTGTCTGA
223251	GTTCCAGTCC	TGACCTCCTT	TGGTGATAAC	TGCAGTGTGG	AAGTGTAAAG
223301	TGAATAAACA	CTTTCCTCCC	CAACTTGCTT	CTTGGGCCTG	ATGTTGTGTG
223351	CAGGAATAGA	ACCCCTGCCT	AAGCCACCTT	CTGAAGCAGG	CAGAACCAAA
223401	GTTGCTGATC	TATTTTACAG	ACCACAAAAT	CGCTTTCTCC	AGTAAACACA
223451	GATTTGCTGG	GTGCCTCAGT	GATGTCTGTC	TGCTCTGCAG	CCCAGGGAGG
223501	GGGAACCTGG	TGGGGGGCTT	GGGGAAAGCC	TCACGGCAGG	AGAGAGGGAG
223551	TCAGCAGGCT	CTGGGTGTGC	TGCCTAGATT	TCAGTTCCAA	AATTAATAAG
223601	ACAACCTCAC	TTACACCAGA	AGGAGGCTGG	TCAGTGTTTA	TCAGCTGTGT
223651	CTGTGACAGA	ATACCAGAGC	CAGTCATAGG	GAGGGCGGGG	CTATCCTGAT
223701	CCAGCCGTAG	GGAGGGCGGG	GCTATCCTGA	TCCAGTTGTA	GGGAGGGTGG
223751	GGCTATCCTG	AGCTAGTTGT	AGGGAGGGCG	GGGCTATTTG	CATGGCGGGG
223801	GGGGGGGTGT	CTTCAGAGAT	TCCAGCACTT	GCTTGGCCTG	TTGCTCTACT
223851	CTCATGGTGT	CACAGTAGCA	CAGGGTGAGG	AAGCCTCCTA	TCCCCATGGT
223901	TATCATGGGC	AGACTGCCCC	ACTAAGTGCT	CAGTACAGCT	TTCCCTCCAC
223951	TAAATTTCCAC	CTCATCAAGG	CTCTGCCACC	TCCTTAATAGT	CCCTGGAATG
224001	ACACTAAACG	TTGTTCATCGT	TTTTAACCAG	TAAAATTTGC	TTATGTTCTT
224051	ATCGTCTGTT	CACATTCCTT	GAATAAATTT	AACAGAGACC	GGTTCAAAAA
224101	AACGTATGGA	GAATAATGCTT	CTCATTGACT	ATTTATCGAC	TTTTTTTTTT
224151	TCCCTGCCGT	GTATGATTTT	GACAGAAACC	CTGGGTTAGG	TTGGGAACCA
224201	AGCAGTCCTT	GGAGACACAG	TAAGAGCCAC	CGACAGAGAT	CTCTGAAAGT
224251	GATTGAGATT	AAGACGGCTA	AAAGGTGCC	GCTGCTTTCT	GATGAGCGTT
224301	TGAATCGTTC	TTGATTCACT	TTGAAGGGAA	GAGTTAACTA	GAAACGTGGT
224351	ATACGAGATA	TGGCTGATAG	ATCTGGAAGC	CCCAACACCT	CTCTGCTCTG
224401	CTCTCTGCTC	TCCTCTGCTT	CTGCTTCTGC	TCTGCTTCTG	CTCGCCGTCT



224451	TTCACCCACC	GAGTCTCAGG	TTCATTTCTGA	GACCTTTCCC	CCCAAGCCTT
224501	CCTTAAATGC	ATCTGACAGC	TCCGTGGTGC	TGGGCTGTGT	CTTCTGTTCC
224551	CCGCGCCCCA	CCTGAGACTG	ATGACAAAGT	CTTTTGTCCA	TGCCATGCAC
224601	AACFTTGTCTG	TCATGGGGAC	CCAGTGAAGT	ATCTGGTGGC	CAC TAGAAAC
224651	TTGGAGAGTT	GGGAAGCCAG	CGCAGGTGCT	TGACGCAGCT	CCAGCAAGGC
224701	TGAGCCGAAT	GCFTAGTAG	CCGTCAATCA	TTCTCTCTCT	CTCTCTCTCT
224751	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTTTGG	GTTTGGTCTC
224801	TGTGTCTTTC	ATTTTGGGGG	ACTTTCTGCA	TTATGATTCA	TTT'TA'GTCT
224851	TTTCCTGAGA	AAATGTGTCT	TGATTCTTTT	TAGGCAAATT	CTAAAGTTAA
224901	CTTTATCTGG	CCACTATTTG	GAAGTCTTCC	TTATGCCCTG	GAGATCATTG
224951	AGGACAGATA	AGCACAGAGC	TAGATGAGGC	TCTTCCTCCA	GGAATCGTCT
225001	TGGGGTATCT	GCTCCTGAGC	TAAC TCAAAC	AGTATAGATG	GTACAGGTAA
225051	ACAGAGACAA	T'TAACACCCCT	CTGACTGGTC	AGGGGAAGAG	GTTACAGATT
225101	CAAGGCTTCC	CTTTACAATA	ACAATATTTA	GAACACCCCTG	GAAATGTGCT
225151	T'TAAAGATGG	AGGGGGGTGT	CAAATAGAGT	ACATACCCCT	GGAGGAATAG
225201	AACTCAGTAA	T'TAAGATGGA	TTGACTAAAT	TTTTCCCCTG	CTTTATAGCA
225251	TAGATGATGA	AACATAATGT	AAAAGGAATT	AGCTATTAGT	ATTTGCTAGT
225301	CATAAAAAGA	TAGTTTCTGT	TTGTCTGGAG	CGCTTTCAAA	CTGCAAACGC
225351	TGCCAGCCAA	AAAGCAGGCT	GTCCTCCAAT	AAATGTGT'TT	GGTTTGGAGG
225401	AGACATTCTT	TAGATTCTTT	ACATTGGAGT	TATAGGGCTG	ATAATAAAAA
225451	TAAAATCTGT	TTTGT'TTGTA	T'TCCCTTAT	GTGAACCTTA	TTGTGAACCT
225501	ATAAACCTGA	ATATGTAATA	AAAAAAATC	AAACACATAA	TTGTGACTTC
225551	T'TGGATTACC	ATTAGTCTGC	CTTTGTCTGT	TGAAATAAAC	AAGCAATCTG
225601	ATTGCTGGTT	AGTCAGAGCT	CTGAGATTCT	TTGGTCCATC	TGCACCTGAC
225651	TTCCTCCCCT	CGCCAACTTC	TTTGCGGGTC	AGCATCTAGG	GAAGGCCCTT
225701	GGCAGTTTGG	TATGTATACA	ACTGCCATTC	TGACTGAAAC	AGAAGCTACA
225751	ACCGTCTCAG	TCCA'TCACCT	GTAAGTGTGC	CGTGCTGT'TG	TTTGATGTGG
225801	CCATTTCTCT	GGCTGCTGCT	TTGTTGTCTC	TATTGACTTG	GCAAAGCTCC
225851	TCGTTCCCTT	TAGTTCTTAC	T'TCCCATTTG	GCTAGGGTTA	AAAATAAGTT
225901	CAGGGTGAAG	CTTGC'TCTGA	CAAGGATGCC	CAGGCTCCCT	CTTTTCTAAT
225951	TAACCCCCCC	ACCCCAACCC	CCCAGCCTCG	GCCACCACCA	GAAGACCGAA
226001	G'TTTTCAGTG	T'TAATAGCTT	AGCTGTCCCT	GGTTAGGAAA	GTGCCATAAA
226051	GACAGGAAAC	TTGTGGGATT	CATTCCCAAG	TCCTTGTGTT	TGATGCCCTG
226101	CCTGGAGCTT	AAGGAATTGA	ACCTCCCCGT	GGGGACGTTG	GAGATGTGTG
226151	TGTCAAGGAT	CAGTGGTTGC	ATCTAACTCA	TCTTAGAATG	CTTCTGGGCT
226201	TATTTCCACA	ATTATCTTCT	GCACCCGACC	CAGGCAGAAA	GCTTATCGCC
226251	TATGCCTTCC	AAAGTGTCTAT	ATATGTAAAC	GATCCCAAAC	AAGCTTATCT
226301	GTGATCTCCT	CATACGCTTT	CCCTTCCAGA	GCTTTGGTGA	AGTGTTAGCT
226351	ATTGATCCCT	GTCTTTCTTT	CTGATAAGCC	TCAGTCCAAG	AGGCTCCCTG
226401	TATGTGGAGT	CCTTCCCTGC	CATCAGGCTC	TCATTTATCC	TGCATCCTCC
226451	CTCCTTGCTT	TGTGTCTCCT	CAGCATGTGT	CCAGCAGGCT	GTGCTGTGAT
226501	GCCTTGATTT	TCTTGTATTT	ATTTGTACAT	CATGTATACA	TTTGTCTCTT
226551	TTCTCTTGCT	GTTC'TGCCGT	T'TTTCAAGC	TGATACTTAT	TGAAGCTGAG
226601	TCTGTGTTAG	CACACACACA	CACACACACA	GACCGCCCCC	CCCCCCCCAG
226651	CTGTGCTT'TA	GAGCCGAGAG	GTTTCATGCT	AATTCTCCAA	GCTGTTGT'TT
226701	GTGATAGGTA	TATAGGTTAA	AAGCCAGTTT	TAGAGAGGGC	CCATGCTTAA
226751	GCACGTGTGG	CTGGTAAC'TA	GCAGAGCCAG	GTGTTGGATC	TTTTGCCCGG
226801	GGGGGGGGGG	GGGGGGACCG	GGGACGGGGA	CGGGGACGGG	GACGGGGACG
226851	GGGACCAGGG	TCTCATTCTG	GATCCCAGGC	TGCTGTCAAG	CTCACGACCC
226901	TCCTGGGTCA	GCCCCGTGAG	TGCTGGGATC	ACAGGCACGC	ACTACCTGCT
226951	TAGCTTGGAG	T'TTGAACACT	GACCTAGTTA	GTTGTGGGGA	T'TTGGATAGG
227001	AATGGCGCCC	GTAGGCTCAT	ATATTTGAAT	GCTCCATTGG	TCACCAGGGA
227051	ATGGTGTGTA	GTGGGATTAG	GGGCGTGGCC	TTGTTTCGAGT	AGGCGAGGCC
227101	TTTGGGAATA	GGCGTGGCCT	TATTTGGAGGA	AATGTTTAAAC	TGGGGATGGG
227151	CTTTGAGTTT	TCAAGGCCCC	AAGCCAGGCC	CAGTGTCTTT	CTCTTTTCCC
227201	TATACCTGGG	GTTAGCTACC	ACATTTGCCT	GCATGCCTCC	GTGCCCCACG
227251	CCATGAGAA'T	AATCTGACAC	TGTCAGCAAG	CCTCAGTTCA	ATGCTTCTTT
227301	TTTGTAAGAC	TTGCTACAGC	CACGTTGTCT	TTTCATAGCA	ATAGAACATG
227351	AACTAAGGCA	TTTGT'TTAAA	TAGATCATCA	TAGT'TCACAC	TTTCTGCTTC
227401	CAGCAGTCAC	CACCATTCTT	TAGGAGTCCA	CCATAGAGAG	CCAGGCA'TTG
227451	TGGCACACGC	TATTAGTGCC	AACACACAAG	GCAGAGGCAG	GTTAATCTGA
227501	GTTTGAGGAC	AA'TGTAGCCT	ACATAGAAAAG	TTCCAAGCCA	GACATGGCTA

227551	CACAAATGAGG	CCTTGACAAG	AGGGGTTATG	AACAGAAGGC	CATAGACAGA
227601	TCTTGTAACA	GGCTTTGA'G	GACTTGAAGT	GGCATTTTGT	TTTGT'TTGT
227651	TTTGT'TTGT	TTGTTATTTT	'TAGACAGGAT	'TTCACCACC'T	GATCCTAGC'T
227701	AGCCTCAAAT	TCAGAGACCT	GCCTGTCGCT	GCCTCCCCAG	TGCTAGGATT
227751	AGCTAGCTTG	AAATGATGCA	TTTTTATAAT	ACAAGTCCCC	TGGAGAAACA
227801	TACACACAAG	CAAATCAAAT	TTAACCTCAC	CCAAAACCTT	TTCAATCAAA
227851	ATAAACATGT	ATTAACAC'T	CTAGTCTAGA	CAACTGTTAT	CACATTCGTT
227901	TTTCTATGTG	TCTTTGGCAT	ATTTATATGT	GTGAGGG'AC	ATGAGTGGTG
227951	TGGCATGTAT	GTTGAGGTCA	GAGGTCAACT	TGCAGGAG'IC	CATTCGT'TCC
228001	TTCTACGGTG	TAGGTCC'IGA	GGATGGAAC'T	TAGGTTGTCA	GGG'ITGGTGA
228051	CAAGTGCCTC	TACCCTTTCC	GCCATGTTGC	TGCTCTCTGT	AAGCATACAT
228101	ATTTAATAAG	GGTTC AACCT	CCCCCCTAGC	CCACCACCCA	CCAGAGCCAT
228151	TGGAAAAGGA	ACATTAATGG	GAATCAGGGG	TCGTGAACCT	GT'TTAGAAAC
228201	TCTTCTTTGG	ATGATTGATT	CCAGTCTCTG	TCATCAGTAG	CCCAGCCCTA
228251	TAGCAAAGCA	CCACCAGGAA	CAGTCAGTGA	CAGTGACAGG	AATCAGCAGT
228301	GACAGTCCAA	TCCATTTCAGC	AGTCA'TCTTT	TAAGATTTCAG	CAGTGGCAGT
228351	TAAATCCAGA	AACCTTGAGG	CTCTGCTAAT	GGGCCGGAGT	CCAGTGAAGT
228401	GTCAAGAAGC	CGCGGGAACC	TCACACGAGA	AGTTCTTTGT	CGAGTTTCTC
228451	CCTGTGAAGT	CACCACAAAT	GTATGAAGCT	CAGCAACCCA	ATGTAAGGTG
228501	AACCGATACA	TGAGTGTCAA	CAGGGAAGAC	TAGCGAGGCA	GAGCAAAGCG
228551	GACTGGACCG	AGGCTGGAGC	TCCCCTTGTC	TGTAAGGTCA	TATTTATA'PC
228601	CCTTCTAAAT	GCCACACATC	CTTCATGTG	TCTGCTGTAG	CCAAACAGCC
228651	TTTCACCCGT	GTGCCCCAGC	AAAACATCAT	TTGACATAAA	TGACTTTTCCA
228701	AACAAACCAG	AAGTTTCTAC	TTCAACCCCCG	CCTCCACC'TT	TTGGTAATAC
228751	AAAGAATCAA	GCCTTTACAC	TAGAAGAACC	CCAAGGCTAA	ATGAATTCTG
228801	CTAGCAAATC	CTCCTTCACA	TATCCAAAGT	TGTGCCCTTC	TTAGGAGTCA
228851	GT'TCTCCCTT	CTCGTTTATT	CCAATTAGCT	TATTATTATA	GTTACGAGCT
228901	AAAATTA AAC	AGTACATAAA	TTGATGGACT	ATGACTAGAA	AAGTAGAGTC
228951	CTTAGTTCTG	CTAAAATAAA	GTCAGATGCT	TCAGGAAAAAT	GGGATAAGGG
229001	CGAGGCTCCA	ACACAGTCAC	TCTGGAAATA	GGAGTGGGTG	GGATAATTGT
229051	CAGAGATTTG	AGAAGAAATA	TFAAAAGTCA	TGAAGGATTC	AGCATTTCATG
229101	TCGCTTCACA	TGTTTAAATT	TTCATCCCAC	GTTAGAAGAA	CTGAGCCAGA
229151	AAGTCGAGCA	GAAGATGGAA	TATGGATATG	CTTTATGCAG	ATAT'PATAGA
229201	ATTCTAAGGT	CTCCAGTGCT	GCGTCAAAAT	AAAATGTCCA	AGGCAACAGG
229251	TGTTTTTAAA	TTATCTTTCT	CAAAATGAAT	CCCCCACTTT	ACTAGCTTTT
229301	GAAATTAAGC	AGTTTCTGGG	CTCAAAATGTT	TTAAATAAAA	CTGCTTGTTT
229351	TATGTATAGA	TTAAAAATAT	TATGTAACCT	AATATCTATT	TTTTTTGCTCA
229401	GTCTTTTCATG	GACATGTTTA	AAGCCAATAA	ATGTGGATGA	ATTTTTTTTTC
229451	TTTT'TTAGTC	TGTACTCGAA	GT'TTTATGCC	AAC'TTGAGCC	AGCTAGAACC
229501	ATTTTGGAAA	AGGAACCTTG	TGGTGACAAA	CACCC'TTAAT	CCCAGCAGTA
229551	TGGAGGCAGA	GGGAGGTGGC	TCTCTGAGGT	CAAGACCAGC	CTGCTCTACA
229601	GAGTGAGTTC	CCGGACAGTC	AAGGCTACAC	AGAGAAAACC	TATCTCGAAA
229651	AACAAAACAA	ACAGACAAAC	AAACAAACAA	TAGAAAAAGA	AAACTGCCCTC
229701	CATCAGATTA	GCCTGGGGGC	AAGCCTGTGT	GCATTT'TCTT	GATTGATAAT
229751	TACTGTGGAA	GTGCCCCAT'IC	AACAGTGGGC	AGTGCCACCC	CTGGGC'TCCA
229801	GGGTCATGGG	CTGTATAAGA	AAGCAGGCTG	AGCAGGTACA	CTTAGGATCA
229851	AGCCAGTAAG	CAGCACTGCC	CCTATGGCCT	CTGCACTGCT	TTCTACCT'IC
229901	AGGTTCC'TAT	CCAG'ITTTGTG	TTCTTGCTCT	GAC'TTCACCC	ACTGATATAT
229951	ATATGTGTGT	'TTTCATGCTG	AGGTACTTAA	CTACAGGTGT	CCACAGAGGC
230001	CGGAAGAGGG	CATTGGATCC	CCTGGAGCTG	GAGCTGTAGG	TGGTCC'TGCT
230051	TGTCFATTGT	TGACACTAAT	TATCTAATTA	GGTCT'TCTGG	AAGAGCAGCG
230101	AGTGCCCCCTA	ACAGCTGAGC	TGACTCTCCA	GCCCCAGGTG	AATCTTGTTT
230151	GCTCTTAACC	TTTCGAGTCT	CTCCATGAAG	T'FAATACACA	CACAGATCCA
230201	TGCAGAGATT	CGGATAAGTT	TGTTTCAAAC	TTGCATCCAT	TGCTTTGAGG
230251	TCAAATCTGT	AGGAGAATTG	GCATCTTTGC	AACACTGAAC	TCTGTAGTTC
230301	AAGCTCAAGG	AATAACTTCC	TATTATTTCA	GTCTTCCCTC	ATTTACCTAG
230351	TGTATGTTAG	TCCTGTAGTT	TTAATGTAAT	TCTTTTCAAT	GGGTCCAGAA
230401	TATTTTATGA	GTAGCATGTG	ACTTTATTTG	ATCAATGCCC	TTTTGTT'TAT
230451	TTCACTAATG	TGAAGTGTGT	GGTCATGAAC	ATTCACATT'I	AAGTAGCATC
230501	TGTCTTT'TTG	GAAAACACAC	ATGGCCTTGG	ACTTGGAAT	CAGTCCCACA
230551	CCACACGCTG	TCGTGCTCAT	TGTCTCATC	GTCC'TCCGCC	TCCTCC'TTCT
230601	CTTCC'TCCTC	CTCCTCTGTG	AAC'TCCATCC	TTCC'TCTGCT	TCC'TTATAGT

230651	TAAAAATAGGG	TCCACTCTTG	TGAGTCTCTA	GAATGGAAAT	CATATTTCGTG
230701	TGACTTTCCA	ATATGATTAG	AAAAAATATA	ACFCATCTTA	GT'TTCATCCT
230751	GCATCGTTTG	GTT'TTGCTTT	GTTTTGCTTT	GT'TTTCTTT	CTTTCTTGAG
230801	ACAGGACCTT	G'GTGCTG	TGTCACCAGG	ACCCATCCTG	AGCTCGTGGT
230851	CCTCTTGCCCT	CTGCCTCCCC	AGTGCTGGAA	TTACAGGTGT	GTGCTACAAT
230901	GCT'FGAAT'T	TGAAT'TTTT	TATTGAACAA	GT'TTTCATTT	GGTCAATAAT
230951	T'T'CATGGGA	TCAGTATA'T	TA'TCCCTTT	TC'TATTAAAC	AGTGTCT'TTT
231001	TATATAT'CAT	AGTTAATAAT	GTATCATATT	'TTACAGAGC	ATAGATCTGT
231051	ATATCAGATT	CATTAGCCAG	TA'TTTT'TCA	TTAT'TAGAA	AGGCTTATTT
231101	TTTATGGGAG	A'FGGAAGGAG	GGGGCA'CGG	AGAGAGAGAG	AGTGGGGAGA
231151	GAGAGAGCAA	GAGAGAGAAT	GAACACT'TCC	TAATTCATGC	CTTTGGATCA
231201	TTTAATAGTA	TCATATCAA'T	AGCATACCTA	GTAT'GTTCA'T	AACTAGATAA
231251	GCTAAAAGGA	TGATCTTGAG	TGGGAAGATC	AT'TGGCCATA	GATCCAGAAG
231301	ACGGTTCTAG	ACATGACTCC	ATCACTT'TTA	CCACCGTGGT	ACTGAATA'TT
231351	CTCTTTTGAGC	CTAAT'TTCCCT	CATCTT'TACA	GTTACCTAGA	CTT'TAGCCCA
231401	GCCTCTAGGG	GCTATGTGAG	GTCATCT'TTT	AAAA'TATTGT	'TAGGGTTTGG
231451	GGATGTACCT	TGTACTGACT	AGTT'T'PATGT	GT'CAACTTGA	TACAACCTGG
231501	AGTTATCACA	GAGAAAGGAG	CCTCCC'TTGA	GGAAATGCTT	CCACGAGATC
231551	CAGCTGTAAG	GCA'TTTTCTC	AAC TAGTTAT	CAACCGGGGA	GGACCCAGCC
231601	AATGGTGGGT	GGTGCCA'TCC	CTGGGCTGGT	AG'TCTTGGGT	'TCCATAAGAA
231651	AGCAAGCTGA	GCAAGTCAGG	GGGAAGCAAGC	CAGTAAGGAA	CATCCCCTCCA
231701	TGGCCTCTGC	ATCAGCTCCT	CT'TCCTGAC	CTGCT'TGAGT	TCCAGTCCCTG
231751	ACTTCCT'TTG	GTGATGAACA	GCAGGGTGGA	AGTGTAAGCT	GAATAAACCC
231801	TTTCCTCCCC	AAC'TTGC'TTC	'TTGGTCATGA	TGCTTGTGCA	GGAATAGAAA
231851	CCCT'GACTAA	GACATGCCTT	AATTGGTAAA	GTGC'TTACCT	GGCATTTATT
231901	AGGTCCAGGG	T'TCAATCCTC	AGCAC'TGCAT	AAAACCAGCT	GTGGT'GGTAA
231951	TCCCAGCACT	TGGGAAGTAA	AGGCAGGAGA	GT'TGGGACTT	CAAGGTCATC
232001	C'TTGGCTATA	CACTGAGGCC	AGTCTGGGCT	ATATGAGACC	CTGCC'TCAAA
232051	AAACAAAGAA	TAAAAAATAA	AGATTGCAAA	CAGTAACTGT	TACATAATAT
232101	ATAGAGAGTG	CTAATAAATA	TG'FCATAAGT	GAATGTATAT	TTTACTAAAA
232151	TTATCTTTCA	GCTATCCTCA	TTTATGAAAC	AGCCTTAGCA	AACA'TGTTTC
232201	TTGT'TCTGTG	GC'TTTGGGTT	TACATCTCT'T	TGCATGACTG	TTTTTGAAAG
232251	AAATGGTTTA	TTGCCTTTAA	AAAAAATAAG	TCCAAGCTGA	TGTTCTTTGC
232301	TGCCATT'CAG	AGGGTGT'TTG	TGGCTTATTA	GCGCTCGGGG	CCGTGGGCTC
232351	CATCTGCGGT	ATTGACAGTC	C'TATGAGCT	TGTTAGCCAC	TG'TTCTAATA
232401	AAAGTCATCT	TGATCTGTGA	GGAAGGCACA	GCATGGCATT	AAAAGAATAT
232451	TGAGT'GGAA	ATC'TGTATTT	TGGGCCTTTC	ATTAAAAATGC	ACCCCTTCAC
232501	AAAGGAGGCA	GTGTGGATTT	GCA'TTGCAAA	GGGTAGCTTA	TTTCCTTCTG
232551	CAACACTCGA	AGCCAAGTAA	T'TTAATTATC	TCTCTGCCAT	AGCCTTTTAT
232601	C'TTCTGCAGA	GGAACTTTCT	CTCCTCTGAC	AGTTCACATT	GGAAGCCACT
232651	CTTCTTATCC	CTAGAATTAA	TTAACATGCA	AATACTTGTC	GAGAGACACA
232701	GGAACACTGC	TTTT'TCAATT	AGCTTTTAAA	TGTCACTCTT	AATGGTGGTA
232751	GATTGTCTCT	T'TTAAGGGAA	AATTAACCTG	CTTTTTCCTC	G'TGAATCTG
232801	TTATTGATGT	GTCTGGTGAC	TGGCACCAGT	GGGCTCTTTA	AGT'TTGCACA
232851	ATCAGAGACT	AAC'TGAACCA	GGGT'TGGATG	GGAT'TTGATG	CTGTAATGCA
232901	GGGT'TCTCTG	CCTCCTCCTG	AGGGCTGGGA	TTCCAGGTGT	GTAGCACCTT
232951	ACCTGGCCTC	AAAAGGGCGT	CTTTGGATCG	GACGTTGCCG	TTGGAAACTG
233001	ATGTGCTTTG	AAACATGGAC	ACAGACACAC	ATGGGTGCTG	CGATTTACCG
233051	TGGGTGTGCA	TTGAGAAAAA	AAAAAATAAA	GGAACAAAGC	AAAACAAAAA
233101	ATCAAACCGA	CCTTAGCGGT	ATGTTT'TGAA	ATCAAACCTC	CCATGGCAAA
233151	T'TAACGTTTA	GCCTTCACAA	ATTGCTATTC	ATCTATCATG	TTGTCAAGCT
233201	GTGGCCAGTA	AATAATTACA	TAAGATGACC	'TTGCATACA	GCTCAGTCAT
233251	CGTCAAGTAT	TTTATTGAGC	CAGTAGATTT	TATTTATTTA	TTTATTTATT
233301	GGACAGGATC	CATCCATCTA	GGCTCAGTAG	TCATGGGTAC	AGCCCCTTTA
233351	AAGAAGCTGA	AGAGGCAGAA	T'TAAGAAGCA	TGGAATGCCA	GTGAGCTAAG
233401	AACCATGCCA	GGGAATAAAT	AAGTGCACAG	TGCACTGAGC	TGAACAGCAG
233451	TGTGTGCATA	CACTGGATTT	GGGCTCCC'TC	TCCCGAAAGG	TTTCTGTGTG
233501	T'TGCTATCTT	GAGCTTAGTT	TTGCAAGGTC	AATGGCAGTA	TTTGACTGAC
233551	ATCTCCAGTG	CAGTGAGGGT	TTTCTTAGGG	TTTCTAGTAC	TGTGGTCAAA
233601	CACCATGAGC	AACAAGCAAG	TTGGGAAGGA	AAGGGTTTAT	TTGGCTTACA
233651	CTTCCAGATC	ACAGTCCATT	ACTAGAGGAA	GTCAGGATAG	GAACTCCGAGC
233701	AGGCCTGGAA	CCTGGAGCCA	GGAGCTGATG	CAGAGGCCAT	GGAGGGCAGC

233751	TGCTTACCGG	CTTGCTTCTC	TITGGCTTGCT	CATGGGACTC	AGGACCCAGG
233801	ACCAGCAGCC	CAGGGATGGC	TGGGCCCTCC	CACATTGAIC	ACTAATGGAG
233851	AAAATGCCTI	CCACCTGGGT	CTCAAGGACT	CTTTTTCCTC	TCTGATGACT
233901	CTAGCTTGTG	TCAAGTTGAC	ACACAAAACC	AGCCATFAGG	AGTTGTTAAA
233951	TAATAACAAA	AGAGTATGTG	CTGCCTGTAG	ATTAGCAAAC	AGGGCTTTGG
234001	GGACCAAAGT	GTTGGATGAG	AGTTCTGCAG	TTAGTGGCAG	CCTGTCATAG
234051	AGCAGGCITIC	TCGGATGCTT	GGGCTTCTCC	CATGATGACA	TAGTGCCTIC
234101	TGAGAGTGTA	GGCTAGAITC	AGGACTTGGG	GTTTAGGATC	AAGGTTGCTA
234151	GAGATCAGTG	AAGTCCCAGG	AATGCCTGCT	TCAGCACCCC	AGGTCCCTCTT
234201	TGGTCCATCC	CTTCTGTTCT	TGACATTCAT	CGTCTCAAAC	CTTCCTATCA
234251	GTTATCTACA	GTAGGGTACC	ATGGAGTGTT	TGAGGGGGTG	TTTGCATTAT
234301	TATAAAACAC	ACATTTTAGA	TTCFAAACAC	ATTTCTTATGG	CAGTAATCCA
234351	AGTTACATAT	ATATATATAT	ATATATATAT	ATATATATAT	ATATATAAAG
234401	GGGGAGTAGG	AAATIAAAAG	CAATTGTCCA	TTTCCATCAC	TTCCTGATC
234451	TTCCTTTTAA	GAAAATTAAT	CTTTTTAGCT	ATGGATAATC	AAAAGCACAG
234501	TTATTTAATG	GAAGCAGATT	TAATATTTGC	CTTTTCTGTA	ACCCGCCTTC
234551	GTTAGAITCT	GTAGGAGAGC	TTTCTTGGTT	CCTCCTTCAT	GTTACTTCCT
234601	AACCACTAIT	GTAGTCTATC	TTTGTACTGA	ACGCTGGTTA	CCACAGACTG
234651	TGCTGAAGAG	AACATTCITG	AGACCATCTG	CAGATGTGTA	AAGCGGTCAT
234701	TTGTTGAGGA	TTTTGAGTGA	ACTCTGTAGT	CTTGAGTATA	TGTGGATTTC
234751	CTCTAGGAAA	ACCCAGTTTC	AGCCATTTTT	CAGCCTATGC	TGTGGATTTC
234801	GAAITGGCGG	TACCATGGA	TTCCTCTGAA	AATAGAATCC	CAAACCTCAAG
234851	GCTTGAAGAA	ACAAAGAGGA	GAGGAGTGGC	TAAAAATATG	TGGTGGCCAA
234901	GATGTATGAA	AATCTAACTT	GACACAAAAA	TCTGTGCATG	GTGGCATTAT
234951	TCATAGTCGC	CAAAATGTGG	GGGCAAAACC	CAGGTTCATC	AGCTGTTGGG
235001	TGGATGCACA	ACACGGTACA	GAAATACAGT	AGCAATCACA	TATATGGACG
235051	GATGTTATTC	AGCAGTAGAG	CTACAATGTG	GATTGAAAGC	ATGATGCTAC
235101	ATCTGAAGAG	CCAGTCAGAA	GTGAGCACGT	ATGTTTCTCT	GCAGTGCTCA
235151	GAATGGACAG	CTCTGAGAAA	CAGAGAGAA	GTTTGTGGCT	GCTTAGAGCA
235201	GAGGAGGCAA	AGATAGGGAC	TTGGGAATTG	GCTGCTATTG	GCACAATTGG
235251	CACAGTGTTT	CCTTTGGGGT	GATGGAAATG	TCCTAAAATT	AGACTGTGGC
235301	GACAGTTGCC	CAACTCTGAA	TATATAAAAA	CCCACTGAAC	GGCATATTTCT
235351	AAATGGGAAA	TTTTATGATG	TGTGAACCTC	CAACCATTGA	AATGATTAAA
235401	GTAAGTGGCT	TCCCATGCAT	GGTTAGGGAC	AAAAGAGTGA	GGATGCACAC
235451	TTACCCCTGA	GCTTGTTGGG	CAGGCAGAAG	AGCAGTCATA	CCAGTGCTGG
235501	CCAGAGTGCT	GTGGGGACA	TGCATTCAAT	TGGGCTAATG	ACAGCCAGCT
235551	GCAGGGGAGC	ATTGTGTGGC	CTCAAGGCCG	TCAAGGCTAT	GTTCCCTCAGG
235601	GTCAGAAAAG	GGGGCAGCGC	CCCAGATTAA	TGCTCTGTAT	GTGGTCAGGC
235651	CTTCGCAGAC	ACAGGAGGCA	CTCTTCCCTG	TCTTCCAGAA	GGCCGTAAC
235701	GGTTCCCTCT	CTGACCTAGA	AAGAAATGCC	CACTGTGCTC	CAGTATCTGG
235751	AAAAGTCGGG	TCAGAGAGGG	GAAGTTGAGC	TCAGCTGCTG	AGTCAAGGAC
235801	AGGGAGAGGA	AGACCTAAGG	TCACGACTG	AGCCCGGCTC	ATCTTAGGGA
235851	ACAAGTACCG	TCAGTTTGAG	ATTTAGCAAT	TAAGCTCTTC	CTACGACAGT
235901	GGGAGTGACT	GTTTCTCTCG	AAGCGTTTAC	TCCCGAACAG	TGTCCTAAGA
235951	ATGTTTCAGAG	GGAAGTCAGC	CTTTTAAGTG	GTTCITCTGT	GTGTTGATGG
236001	GCAACATTTA	GCTCAAGGAA	ATAGGATTAA	CTTAGCACTG	CACACCAGCA
236051	GTTAATGGAG	AAGCAACAGC	CCTCTTCTCC	AAGCCACAT	GTCCITGTGT
236101	CCGGTCTTTC	AACACTGTCT	GCATCTCTTC	CTTGACCTGT	GCACAGATTG
236151	GATTAAACCA	CAACCCCCCA	CACCCCTCCG	TTAATTATGC	TCAAGTCCGA
236201	GGTTTGAAC	TCAGAAAGAA	CTGGGGTCCC	CGTSGTCCAT	ATGAAAGTTA
236251	ATTAATTTTA	GGTAGCTGCT	GCTGGTCTAC	CAACTGTTTA	CTTCAGAAGC
236301	CTGGGGCAGC	ACATGTGTGG	GGTCAGTGTT	GACCCAAAAG	CCAAGTGGCT
236351	TGGGAACAGG	CAGAAAGAAG	TCTTTTCCTT	TGTCATCTCT	GATTTTTCCC
236401	CCCTGTGTT	TGTGTTTTGT	TCTGTTTTTA	TCTTACTAAC	TTCACITGAAG
236451	ACTATTCTTT	TGAGAGCCGA	GGCCATAACT	CAGTGGTAGA	GCCCTTGCTT
236501	TGCATATGCA	GTACCCTAGG	TCCAATCCCC	TACACTACCT	AAAAGCAAGC
236551	AAGCAAGCAA	GCAAAACAA	AAACGAAACC	CCCGGACAAT	AAAAATTAGA
236601	CTTTGTACTT	GATTAGGACC	CCCTAATCAC	ACAGAAACCT	CAGCTACTAT
236651	AAAACTGCT	CAATAATTIT	TCCCCCGATT	TCTTTGTITC	TTTGTITCTG
236701	GTTTTATITG	AAATTGCTAA	AGAAATGGCA	CCAATGAGGA	AAATTGATAA
236751	GTGATTTACT	GTGAGGAGGC	AGAGAGAGCC	TTGCTGGGCIT	GGACGCGTGG
236801	CTTGAGTGGG	GTCTGGTGGG	TATTTTITGT	TTGGTTGCTA	TTTTTAGCTG

236851	AAGCCCCGTG	GCGGGCTAGG	GAGTAAC'TAC	GCTCGGTTAT'	GT'ICAT'GACA
236901	ATTAGAACCT	TTCCCT'TGAA	TCTGTGAAGT	CCCAGTCGT'T	GGGAAAACCA
236951	CACTACACCT	CCCTGATTGC	CAAAGCACCC	CCCTCTCTGA	TATAACT'TCC
237001	TCACATACAA	TAAATGAAAA	ATAGCATT'TT	CTCCCAAGTA	TATCACACAA
237051	GATCATGTGG	ATTATTCT'TT	CTGAT'PATTA	G'ICGAACATG	AATCAT'TACA
237101	CAGAACCATG	CAGGGCTTTG	TTTGCTAAGT	GTATTTTGAA	AGATAGC'TAG
237151	CCATGGCCTG	CAGTAGAATT	CCT'TTGGCT	CCTGTGTTAG	TTTA'T'GAAA
237201	GTAGAACTCA	CTAGACTCGT	GAATGCAAGA	GCAAGGTGTC	TCCACCATC'T
237251	TCTGAGTTGA	GGATAACT'TT	CATCCTTTTGC	CAGGCTCCTT	AGAGACTGGC
237301	TGTGAGCAGC	CCTGACTTAA	CTTCAAAGCA	CAGCTTGTCC	CTTTGCCATT'
237351	GGCACCACAG	CATCT'TAAT'T	ATGCTTGGAC	AGCTATTAT'T	AGGATAGACA
237401	AGTGAGTAAG	AACTTTCCCTT	TGTTGGTTTA	TATTGCTG'IT	TTGTGTGACA
237451	TTGTA'FAAGC	TTAAGCTCAC	CCAATTATCA	CAATTGCCAC	ATGCCAATGT
237501	ACAGTCATTG	ACGGAGACTC	CAGAG'TCTTT	CAGTGTCTGA	TGGA'ITGTTT
237551	TATTTAGTTT	ATAGAAACAA	AATGTT'TCTT'	GCCATGCCA'T	CTTCC'TAAGC
237601	CACAGTCTGG	ACACAAC'TGT	TCTATTAAATG	TGTTTCT'GAC	CAACTCAGAG
237651	AGCTGTTTAT'	TGACTAAATC	CTTGGGTGAC	TGATTGT'AAG	CATGGTCCCTG
237701	GT'PATGACTG	CAAAAGAAGA	AAGTTGGGTA	TAATCAACT'T	TATTAACAGT'
237751	GATTTTCAGGA	ATGTGTGCTT	CAGAGAAAGA	GGGATATTTT'	CAATGTTTAC
237801	ATACTTTCAA	AGGAGGAAAA	TAAAAAAGGG	CAAGTCCATA	CAGCAAAAAAT
237851	CACAGTATTT	TAGATAGAAA	AAAAGAGGGG	TGGGGGTGGG	GGTGGGGGTG
237901	GGGAGAGGGA	GCTGTTT'TAA	GAGCAAGAAA	CTCTTGTTGG	ACTTGGATCC
237951	CAGGAGAACA	CACGTTAGAC	TAAAGGGGGA	AACAAATAAT	GAGGCAAGAA
238001	TCAGAAGAGT	GATGTAAACC	AGCAGCCAAA	TAGCCACAGA	GC'ITAAGGCC
238051	AGACCTAACT	GTGTCTAGAG	ACTATGGAAC	CCACCAGAAG	AGCACCT'TTA
238101	TGACTGAGTC	CAGAGTGAGG'	GGAGGTGGAG	ACTAACCAGG	CTCATGGCTC
238151	AAGGCAGGTG	GAATAACGTT	AACATATAAC	AGTGATTGAG	AGTGAACCCA
238201	GTGTATGTGA	TAGGTAATGA	TAATAACAGT	TATTACAATC	TATTGACTTT
238251	CTATTACAGG	CTGGACACAA	TAAAAGAGGA	T'TTAATTAT'T	TTTTTCTAGT'
238301	ACCCGTGACA	GCTGTGCATG	GTAGAGATTA	CTGTTATCAA	CCCCGTTTTTA
238351	CAGAGAGAAT	ACCAGGCCAC	GGGAGATTTT	ATAACAAGCC	TGAAGT'TTGT
238401	AAATGAGAGG	ACAACAT'TCA	TATT'CGGGTC	TGACCTGTTT	TAGTGTCTGG
238451	CTCTTGGCAG	GGGACAGTTT'	CATACATGTA	TGGCGTATTT	ACAATAATATG
238501	CATTTGTATG	CGTCTGTATA	CAATGTATTG	TGATCATGTT	GGTTCCTTAG
238551	AACCCCTTTC	CCCTCTCTTG	CTGACCCCAT	CTCCCCAATT	AACCCTCTCC
238601	TACTTTCCCTT	TTATTT'TTTG	GACTCACTGG	ATTTTATTAG	AGTTGCTTAT'
238651	GTTGGCATTG	GATAGGAGTT	ATTTATTGGA	GCCTAGGCAA	CATACCGGGG
238701	CTACACCACT	GAAGGAAATG	AATGACTGCC	TCTTTTGAGT	AAGCATCCCA
238751	ACTCT'TATGC	CTACTAGCAC	CAAGCTTTGA	AACAGATTGC	ATG'ITTCGGT
238801	TTAAATTACT	ATAGTGT'GAG	GCACATAAAC	CAAGATAAAC	CCAATAGATG
238851	GCATTGAAGA	GCCACAGCGT	GGAGTCATAG	CTGAAACAAG	GAAATGGAAT
238901	ACCATTGATCC	TAAGAAACGT	ACGTAGCTGC	CGGCTGGCTC	ACTTGCTCAG
238951	TGCTCTCCTA	CACTGGGCAG	AGCCCTGAGC	GTAA'ICTGCA	GCACTGGAAA
239001	CGGACCATCT	GGATTTCTTC	T'TATAGGTCC	ACTTGAGACT	GTTTGGAGCC
239051	AAGAATTTTG	ATAGTGATCC	CTGGCAAACC	AGACTTGGTG	TCAGGGAGCT
239101	GCTCTGTAAA	GCTGTAAGTG	ACGGAAGAGA	TGCGTAGGAG	ACAGCCTATG
239151	CGTT'CAACAAG	GTGTGCCAAC	TTCGATTCTC	CCAACCTGTG	CTCCTGCCCT
239201	CTCTGTGTTCC	TTCCCTAGCTA	TTTAAATGGC	GATCCTATTG	TTGGAGGATT
239251	TCATAGGGGA	TTGCGAGCAA	GGGAATTCAT	CTGGGCTCAG	TAAGGCAGAT
239301	TCATGTTTGA	TTTAGCTTCT	TTTGCGGAGT'	ATTGAT'TTTA	AACAGGTT'TT
239351	GCTGCATAAT	AT'TGTGGTTA	TGTCATCCCT'	CTGGACCATC	AAAATAGCAA
239401	CTCTTGCTCTA	AAAAGGAAAT	ACGTTTCTGG	CCTGGATTGT	TTGGCATTTT
239451	CTGGTATTTA	TTGGCTCCCA	CATGCCTGTG	AATCTTCTGT	GTCAGCAT'TC
239501	CTTGCTGCTTA	TAT'TCAGAGG	AAGGAGGAAG	AACAAGTCAG	TGTCACCTCC
239551	TGAGAGCAGC	AGTGTGGGCA	ATGCTGACCT	CTGGATGACA	CATCACATCC
239601	GTT'CATAAAC	TCTGCTAGGG	ATAGTCTGTT	CTTACCATA	GCAAACCCAG
239651	TGGTCTGTCA	TTTAGGGACT	CCCACTCTTC	CAT'TTTTCAA	GATCCAGAGT'
239701	GAT'TTGGT'TG	CTTCTGTCT	GGCTCCTCAG	AGTCTCCCAT	CTTTCTGCGC
239751	AGCTGTCCGGT	TC'TCCCAGCA	TCTTAGAAGA	TAGCTCACCT	TGGCTTGGTA
239801	ACTTCAGTGC	A'TATAAACTG	GTTAGGCTGA	TGCCTAT'CTG	GGGTGGGGGG
239851	GGCT'TTAAAC	CCTGTTTGTG	TTT'TATCTTT	TGAAGTAGGA	AGAAT'TTGGC
239901	ATGGCATGGC	CAGTAGCTTA	AAGTGAAGTA	GGAAAGACCT	CCTTACAGT'I

239951	TTGGAGATT	GAGACGAGAG	TATAGTGTAT	CTGTTAGTGT	TATGAAGATA
240001	GTGTGCATGC	CCTGGATAGG	ATATAGAATA	CCTCTGCCTT	TAAAGACTCT
240051	ATGATATATGA	ACAGTTCCGT	TTCATACATA	CACACTTGGG	TACTGTCCAA
240101	ATCAAATTCA	GGGTCAGGTA	GATGGTAGGG	TGGGTAAAAA	AGCTGCACAA
240151	GACATGGTGA	TCTGTGACCC	CATCACCCCT	GAGGTGAGAT	GGGAGGTGAG
240201	GCAGGAGAAT	GGATCTGAAG	CCACAGGCCA	GCTCTTTTGG	AATGTGCATT
240251	TCAGCAGCCC	TCATGATCAG	CACATGTGTG	CTGTGGCATG	CATATATGAA
240301	GGCATGCCGTG	TTCCCTGCGCA	CACCTCTAAAT	AAATAATTGA	AAAACCTTGC
240351	AAGTGGAAAA	CCATTGCATT	ATGGCGCCAT	TGTTACCCAA	GAAGACTGTG
240401	TCATTCCAAG	TTCCCAAAAG	TCATTGCTGA	TTTGATGACT	CACAGGGAAC
240451	GGATGGTGGT	TTGGAAATGG	GTCTATGTTA	GCAGCCCTCC	AGTTTTTTTAC
240501	AGATGCTATG	AGGGTATCTG	TGGCTCGGGC	GTAAGATGGT	TGGCCGTCAC
240551	CACTCCCTTT	ATTCTAAGTG	GTGTCTTAT	TATTGACCAC	TGAAGAAGAG
240601	AAGTAAAGGT	TTAGCGAAGG	ACCCGTTTGC	ATACACGACT	GTGCTGAGGC
240651	CTAAACTTTGG	CAGCAGTTTG	AATTAATAATG	AAGTTTAACC	TGCCCATAGT
240701	CAGGCTGGAA	GCAGTACTGT	AACACATGTT	TAGTTTCTCA	AAACAAGTAG
240751	CGCCTCTTTG	AAAACAGCAC	ATTTTCTCAT	AGCAATGCCT	AAGTTACCTG
240801	GAGTGATGGG	ATTTGCAGGA	TTATTGGCAA	AACTGCACAC	TGCCAGGAGT
240851	TAGAACTGGT	GGTCAGGACC	AAAGTGGGAT	GAACGGCACA	CTTGTGTCTT
240901	CAGCTGAAAC	CCACAGGGAA	CAGTTTGTAG	AGCGCTGGGG	ATGGTGAGAG
240951	GCTAGCAGTA	TGAAGTGAGC	CCAAGGCCTG	AGAGGCTCCT	GCTGCTGAGT
241001	GAATGTGGAG	GATCGTGTG	GGGTGGCTCT	CACAGGGCAG	TGACCACAGC
241051	AGGCAATCTC	TGATGTCAGG	TCCAGTCTTG	TCCCTCTTCC	TGAGCTGTGG
241101	TCCAGTTGTA	TTGTAAATGT	GTGGTCAGGT	GCCCGGCTTT	CTTTATAGAC
241151	CTGAAGTTTT	TGAAGGCAGC	CACGAACCGA	CTCCATTGCA	TGATCCTGAT
241201	CTGGACCGCC	GATGCAGGAT	CACACGATCG	CAAAGTTCTG	GGGGCCTTGC
241251	ATCATGGTGG	CCCTTCTTCC	CCACATCTTA	GCTTTGTGGT	CTGTGCAGTG
241301	GAGACTGTGT	GCAAAAAATG	CTTGTTGATG	GAaaaaacaa	ACAACAACCC
241351	TTTTTCTTTT	TTGTTTTTCT	TTTGTGTGTT	GTTTTGAGAC	AGAAGTCTCAT
241401	TATAAAGCTG	TGGCTGTCTT	GGAAGTCACT	ATGTAGACTA	GGCTGGCATT
241451	GAACTTGAAC	TCACAGAGAT	CCTCCTGGCT	CTCTGCCTCT	GCCTCTTAAG
241501	TGCTAGGATT	AAAGGTGTGC	ATCACTATAC	CTGACTACAA	ACTCCCTCTT
241551	GAGCCCTTAC	ACTCTGTACT	TATAAACTCT	GTGAAAGAGG	GACCTGGCCA
241601	ACACCGACAT	TGGTATCTGG	CTATGTGGTG	GTTTAAAGCA	AGCATGGCCC
241651	CCCATAGGCT	TATATGTTTG	AATGCTTAGA	CATCAGGGAA	TGGCACTAAT
241701	TGAGAGGGAT	TAGGACATGT	GTTCCTCATT	GAATGAGTGT	GGCCCTGTTG
241751	GAGAAAGTCA	CTAGGGGTGG	GCTTTGGGAT	TTCTAAACCC	CAAGTCAGCT
241801	CAGTGTCTTC	TTGCTCTTCC	TGCTGGCCGC	GGTCCCAGGT	GTAGAAGTCT
241851	TAGCTACTTC	TCCAGCATCA	CATCTGCCTA	GATGTTGCCA	TGCTTCCTGC
241901	TAGGATAACC	ATAAACTAAA	CCTGGGGAAC	CGTAAGCCAT	CTGCAATCAG
241951	ACACTTTTCT	GAGAGTTGCT	GTGGTCATGG	TGTCCCTTGA	CAGCAGCAGA
242001	ACACTGATTA	AGACGGGATG	TGTGTGTGTG	CAGATGTGGC	AGTCAGGCCCT
242051	TGGCCGCTGA	CTCACAGACA	CTGGGATCCA	GCTGTGTGTG	CCATATAAAG
242101	CACTGGCTGT	TTTAATATTG	ATATTACCAA	CTTGGTCTAT	TTTACCTGAC
242151	CTTGTGAGGT	CTTTGATATT	ATTTCCAGTT	CATTCTAATT	AGTAGTAACC
242201	TGTTATCCCC	CACCTTACCC	CCAGCCCCTG	CCAATCTCTC	ACTTTCTTCA
242251	TTTATCTCCC	CTCCCCCTAC	CTGTCTCCTT	CCTCTCTGTG	ATGGTTTGT
242301	TATGCTTGGC	CCCGGGAGTG	GCACTATTAG	AAGGTGTGGT	TCGTGTGGAG
242351	TAGGTGTGGC	CTTGTGTGGG	TAGGTTTACC	ACTGTGGGTG	TGGGCTTTAA
242401	GACCCTCATC	CTAGTTGCCT	GGAAGTCAGT	CTCCCACTAG	CAGCCTTCAG
242451	ATGAAGACAT	AGCACTCTCA	GCGCTGCCTG	CCCTGTGCAT	CCCCTAGATGC
242501	TCCCAATGTT	CCATCTTGAT	GATAACGGAC	TGAATCTCTG	AACATGTTGT
242551	CCTTTATAAG	AGTTGCCTTG	GACATGCTCT	GTTACACAGCA	CTAAAACCCCT
242601	AAGCTACTCC	CTTTCCCCCT	TCTCTTTCCT	CCTTCCCTGCT	TCTGTTTCCC
242651	GTTCCTCCTC	CCCAGCCTTC	TGTCCGCTAG	TCTAGTCTAT	GTCAGCAAAC
242701	TCCTTCATACA	TAGCCCGGAC	ATTATTTTAG	ACCTCCACCC	ACCTTCTTTT
242751	ATAGCCTGGA	TTGGACTTCT	CTGTTCAGGT	GAACCTCCCT	TGTAGAGTTT
242801	CAAAAAATACC	TTTCAAGAA	CCTTCAAAAA	TAATACAGAA	ACAGAAAAAT
242851	AGTTTAAAAAT	AGTACTTTCC	CTTTCATGAA	CCTTTTCTTT	CTGTGGGGAA
242901	TTCTGTGGGG	GAGATTTTGA	GACTCTCTTC	CTGCGCACAT	TTTTTCAGAGC
242951	ATACCACCTC	ATGTCACCAA	AACACCGTGC	ATTGCACTGG	CGTGTGTGTG
243001	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTA	CACGAGACCA

243051	ATGTCATTAT	ATGTTCCGTA	GGATTAAATTG	TAACATAACA	TTCCTTAGA
243101	AAAGGGCTAT	CTCGCCGTGTC	TGTTTCTGTT	CTCACCCATC	GCTCCTACAG
243151	AACGGGGGTG	GGGGGGGGTT	GGTGGGGGGG	GGGCTGGGGC	TTACACCTG
243201	CCTAGCTCAG	GGGCATCTGC	CTGTTTATGA	GCAGTAAATC	ATT'TTTTATG
243251	ACTCAGGGAA	GCTTTGTGCA	TTTAAT'TATC	CAGGGGAAAA	ACTGGCCCCCT
243301	AACGTGCTTG	CCAAAGTAGA	CTC'TTAAAGC	TGACCTAGGA	CAAAGTCAGG
243351	TAAAATGTTC	TCTTCC'TGTG	TCGGGGGTAT	TTTAAT'TTCT	CTCTCTTCAA
243401	TAAAT'TGTGG	TTAAGGATTA	T'TTTT'TTCCC	AGCATAGATT	CT'GAAAAATC
243451	CCTCCCT'PTC	TCACCTATCC	AGTCAGCCCC	TCTGCTTACT	GGAAGGT'TCC
243501	ATCTTTTACCT	CCACATATTA	TGTAATGAGA	CCTT'GTGCTG	AAAGTGCTGT
243551	ATTGAAGGAC	TGACT'TTCTC	AATCAGAGGA	TAGAGGCAGT	T'TTACAGCCA
243601	AAATAAATAA	GTAGATGGAT	AGATAGATAC	ATACATACAT	ACATATAAAAT
243651	AAGTAAGTAA	ATAAA'TAAAT	AAAATAACAA	AGTACACTGA	ACAGTACATA
243701	T'TCCTCTAC	T'TTGGAaaaa	T'TACAAAAAA	AATTTATAAT	AGT'TCCGACT
243751	GTCCG'TT'GAA	AAATGAACAC	ACTCCAAGCC	CGTCTGGATT	CATTGCTTAA
243801	AGAGAGGCAG	ACTGAAAGTA	CGCCAT'GCAC	CAGATGATGC	CAGAACAGAT
243851	CCTCCT'FAAG	GACAT'TTATG	ACAGGCCAGG	CTT'TTCGTTT	CTTTTCT'PCC
243901	CTGCTGTCTG	TGTGTGTCTC	A'TACTGGCA	GTGAT'TTCTG	AAGCATCAGG
243951	CTTTTTTCCAC	CTTTGCATAA	AGTTAATCAA	AGGCAGTCTC	TTAGTGGCCT
244001	TGAGCTGTTT	TCCATGTTGG	ATCGGATCCT	TGTCATGGCT	ACTCTGACTT
244051	CTACACAAAG	ATGCAGTTCA	CGGAAAAGCT	GTCCGTGTGT	TGTCAAGAAAT
244101	TCCTTTTGAC	AGATAACTAG	GTTCTTTTAT	GAAAGCCATC	GAAAGCCATC
244151	GAGAAATCAA	AAATGCAGGG	ATTTGGTTTG	GTGTGAGTTG	GCATCATTAG
244201	TGTGTGTGTG	TGTGTGTGTG	TGTGACTGAG	AGTGTGAGTG	T'TGTCAGTGT
244251	GTATGTATAT	ATGACTGTGT	GTGTGTGTGT	GAGTGTGTCA	GTGTGTGAGT
244301	GAGTTTGTGT	GTGTGAGCTT	T'TTGTCACTG	TGTGAGTA'G	TGTGAGTGTG
244351	TGTGTTGTCA	ATGTGTGTGT	GAGTTTGTGT	GTGAGTGGTT	CAGTGTGTGT
244401	G'TGGGTGAGT	GTAAGTGTGT	GTGATATCTA	AGACTGGGTT	TATATGCCAT
244451	GGTGCATGTG	TGGAGGT'GAG	AGCAGAGGAC	AGCTTTGTGG	GTGGGCTCTG
244501	GGGACGACT	CCAGGCCGTC	AGGTTAGGAT	CTTACTTTTAC	AGCTGGCTTT
244551	ATTCACTCAG	GCATCTCCCC	AGCCCC'CAT	TCTTTCCTTT	GAGTTCAGAT
244601	GTAGGAAGCA	GATGTTTGTG	ATGGAGGAGA	CAGCTTTTAC	TTGAGCATGT
244651	TGCCCTTTCT	GTTGTACAT	ACTGACATTT	TAATCTCGTT	TGAACTTCAC
244701	AGAAATCTTG	TGTCAGGTAT	GACCAGTTTC	AGAGCAGTTA	AGTGGCTGGG
244751	TCTCAGCACC	AAATGTGGGT	CTCTCAGTGC	CCAGTGGGGG	CTTCAGCCCC
244801	ATTGCGAAAG	CTAACTCTAC	CTCCTGGGGA	GCTGCTGTGA	AGCTGGCTGTG
244851	TTTGGTTGGT	ATACACTGGT	AGAGATTCAA	AAAT'TCCCAA	ACTCATCTTA
244901	TATTCTAGTA	AACACACACA	CACAT'TATGA	AT'TTTCAAAA	TTGGTT'TTGT
244951	AGTATGAGAG	TATTCAGCAG	CAT'TTCTGAC	ATTTCCCTTCA	GAAAGGAGTA
245001	TAGGAAT'TTC	ATAGGTCTTG	TTTCCC'TGAA	TATTGAAGAG	CTGAGAAATT
245051	AAACAGTGAG	CTGCCATTTG	CTTTATTGGT	AAATTGAACAC	ACTGCAGCTG
245101	ACATCAAAAG	GTTTCTCTTG	TAATATTTTC	CCCTGGGCGT	GTTGAGTGTG
245151	TTCTGCTTGT	CAAACGTGAA	AACCATTGAT	GGGAACGCC	CTGCTTTAGT
245201	TTGAAC'TTCA	CTGTATAGAT	T'TTCTCTTT	AGGGGAAGTT	AGG'TGTCGGG
245251	CATTATCTGT	CAGACAGGGA	GTGAATGGTG	GAGAGGAAGT	TGAATATCTC
245301	TGTCTGTTGT	T'TTGTAGTTT	GGGTCTTGAG	CCTATGGAGA	GGATTCATAT
245351	CATTGAGTAA	AAAGGTAAGA	AGGAAAGCAA	GTTCCTTAGA	AATCTGTGAG
245401	AATTGAATAT	AACTGTGTAT	CACAGAGAAT	T'TGAAATATG	TTGATGCTGC
245451	ATCCCTTGTG	GAGATCAGCT	TAAGGCCAAAC	TGAAAATGAT	CACAGGGAAT
245501	ACTTAAACTA	TAATCAGAAC	TCTTA'TTATT	AATTTATTGT	TAATTAGAAA
245551	TAAGCAATTA	AGTTAATACG	ACTAGGCACT	AAATTCTAAG	TTAGAAAAAA
245601	GGCTCAGGTA	TGAATTCAAA	AGAGTAACAG	TCCAGTTATC	T'TTCATCTAA
245651	ATAGGAGATA	TCAGTATAAA	TGCATGAT'TT	ATATTGTTAG	ACACGTCCAC
245701	CATAAAAAAG	CAGGAAACTC	AGAGGGCATG	GTAACCAGTA	GCATT'TAGTA
245751	CCCGAGGCAC	AGAGAT'TAGG	GCTTCTAAAT	GGCACTTCTC	ACTAGGAGGC
245801	T'TTAGGGCTC	CTTGAAGAAA	TGGC'TCATTC	TGGGTCTGGA	ATGAGGACCA
245851	TGTGGGAATA	GCCTTGGGGC	ATCTCAAAAC	TGAAAATCAG	CGAAGAGGAA
245901	GC'TGAGATGG	CCCAGCCAGA	GGCACCCAGG	AGCCAGCCTG	GAGGGT'TCCT
245951	GGGGACAAAA	ATGGAAT'AGT	GAACATTAAC	AGAAT'TGAAA	TACATAAAAA
246001	TAAGT'TTATG	ATTATGTGTG	GTAAACAAGA	CATGGCATAA	ACCACGCTTA
246051	TCTAT'TGCAT	TTAAAGTCAT	GAGGTGGCCT	GTTATAGTTC	TGATTGTGAG
246101	T'TAAGGAGGA	ACAAGGAAAT	CTGGCC'TCCA	TCCCCACTTT	CCT'TGGGATC



246151	CTGTACTTTA	GGGCAAGTCC	CCCATACAGG	CTCGAGGTTA	ATAAGTGAAA
246201	GGAGATGCTA	GGCATAAAAAG	ACATGGATTG	GTAACACCAA	TGAGATCAAA
246251	GAGGTAGGTG	ACAACCTGAA	CCACACTGAA	GACATTGAGT	GACAGTGGGG
246301	CTTTATAGTA	GAAGATGGCG	TGACAGTGCT	GGGACCCACA	GGTACAGTGA
246351	CAGTACTTGA	ACCCCTGGGT	CTATTGACAG	TATCTGAACC	CACAGATATA
246401	TCTACAGTAC	ATGAACGCAC	AGGTCCATCG	AGAGTGCCTG	AATCCATAGG
246451	CCCATTGACA	ATTCTCGAAG	CAACAGGTCC	ATTGACAGTG	CTTGAACCAA
246501	CAGATCCATT	GACAGTATTT	ATACTCACAG	ATTTCATCGCC	AGTACTTGGA
246551	CCCACAGATC	AGTTGACAGT	TCTTGAGCCC	ATAGATCCAT	TGACAGTACT
246601	TGATCCCTCA	AATCCATTGA	CCATATTTGA	ACCCACATAA	CCGCTGACAA
246651	TTCTTTGAACC	GACAGATCCA	TGCACACTAA	TTGAAAGCAC	AGGTCCATTG
246701	ACAGTACTTG	AACCCACATA	TGTACTAAGA	ATACTTGAAC	CCACAGATCA
246751	GTTGACAGTT	CTTAAACCCA	CAGATGCATT	GATAATACTT	GAAAGCACTG
246801	GGCCATTGAC	AGTACTTGAA	TGCACAGGTA	CACTGGCAGT	ACTTGACCCA
246851	CTAGTTAAT	GATAGTACTT	GAACCCAGAG	ATCCATCGAC	AGTACTTGAA
246901	CCTACAGGTC	CAGGTCCATG	TTGTCAAACA	CAAGCTAGTC	ACACACAGGA
246951	ATAGCGGGAC	CTGTGACATG	TTCTTACCCA	CACTCCTGTT	TCCTAACAAG
247001	GCTGAACTTA	ATGTCATAAA	CATCTGTGTC	TAATTACAGT	GAGCTCTGCT
247051	CAGCCACAGC	ATACATTCCA	AGGGCCTCTT	CTCCCACCAC	ACACACACAT
247101	CGGCTGTGAA	CTGTTCAAAG	TACCAATCTG	GCACACATGC	TGATTTTTTT
247151	TTCAGTATAT	ACATGTGATA	GTGTTAAAAA	TTTAAATTAA	AGACGGTGAT
247201	TAGATATCCA	GTAACAACATA	ACAGTGAAGG	AGACCAGTTG	ACAATAATAC
247251	ACCATAAATA	AACTTATGTA	ATTATGTCTA	CCTTGCACAG	TGTCCTGTAG
247301	TTTCGTCTCT	CTCTTCTCT	GTGACATTTT	TCTTTCCTCT	TCTGTGTTCC
247351	TGGAGATCAA	ATCCAAGGCC	CCATGCACAG	TAGACAAGCA	TTGGATCATG
247401	GGGTCACCTC	TATCACTAAT	TTTCTTTTCT	TCCTTCACAC	TCPCAGAAAC
247451	AGAAGCTTCA	TGGTTATCAT	AAATCGTACC	ATCCTCTATA	CACATAAAAA
247501	AGTAAGTTGA	AAACTTAACT	TCCCCCTGAA	GGATGCATGC	ATGGCTTCAC
247551	TTTTCGATTT	TGATTCTTTA	GCTTCCCTAA	TCTTGCATTT	GGGGCCATTA
247601	CTAAATTATA	AAATAAAAAT	TACAGGACTA	CAAACCATGA	CAGTGAATCA
247651	GGTGACCAAT	ATGGCTCCAG	ACTGATGGGC	CAGTAGCACA	TTTGTGACTT
247701	GTCCCCAGGG	GACTGAGCAG	TACATGAGAA	AACTTTATCT	TGCTATTTCAC
247751	AGTCGAATGC	AGTTTAAAAA	ATACAAATGT	TGTGTCTGGA	TTTTCCTGTT
247801	AATATTTTCA	AACTTGTTTA	GCTGTGGACA	ACTGCTCCTG	ATAAGAGGGG
247851	TCCACTGTGG	TAGTTTATAG	GAAATACGGG	GGACAGGAGA	TGATGTTTAA
247901	CACCATAAGA	TGTAAAGCAG	TCCATTCCCTG	AATATAGAAG	TTCTGTGAAA
247951	ACACTGGGTT	CATCACGTCC	ACAAGTAAAT	GTACAGAAG	AAGGTAGAGA
248001	AGGGACTAAG	CCAGGCCTAA	GGAGATTTAT	TAAGTAGTTG	CAAGTACCAG
248051	CCCTGTTTGG	AACTTAAATC	ATACAGTCTA	GCTGTAAGAT	ATCCTTCTTT
248101	TAAAACAATA	GGAGAAAACG	GAATACAGTC	TGTGAGTTAT	TAAGGGATCC
248151	TTGATAATTT	CTTTGAGTGT	TGACAATACT	GGAACGATCC	CTAACAGTTC
248201	CTATCTACTA	GCTGTCTTAC	AAATGAATCC	AAGGGCTGCT	CAAGGTGTTT
248251	TTTAGAATTA	GTCCGTTATG	AGGTCCAAGA	CACATTTGTA	TATGCATGAA
248301	ATTGTCAACC	AATAAACAGA	TAAGGTTGGA	AAACACTCCA	TTAAAGGTGA
248351	AGAGGTCCAC	ATAAGGCCAC	AGAGAAAAAT	CAGAGTGCTT	GAATGTGGTC
248401	CTGGTGTTTG	GTGAGGAGGT	CGTGAAGTTC	TTTACGGCTC	TTTCTCCACT
248451	TACCATTGAC	GAGAATTGTA	CATGATAAAC	ACAAATATCT	TTTGCTGCCC
248501	GAGAGGCAGG	AGTCCTGTCA	GGAGGCCAGG	ATTTAACTGG	AAAGACTCTC
248551	TGCTGTCTCT	CCCCTCCGCT	CTCCTCTCTC	TTTACACCCCT	CGCCGTTTCT
248601	TCAGAAAGCCA	TTGCTGAGCC	CCACTTGTGA	CCATTTCTCG	CACTTCCCAG
248651	AGGGAAAGAA	GAAAGCTTAA	AGGTCCAGTT	TCCGCCCACC	GTGGAACCAC
248701	CGTGGCAGAA	GCACTTGACT	CTCATCCTGA	AACCGTGGCG	ACCGGTACC
248751	ATGTGCCCAG	AGTCTGTCTG	CAGAGAGGTT	TCCTGGGCTG	CTGATGATTG
248801	CGAAGGGGTG	GGGAGGGGCC	TTCCGCACAG	TGGCTTGACT	CTCTTCCAAT
248851	GCTCTGTGCT	CCCTCAGGAA	GGTTCCACCT	CTCCCTACAG	TGCGGCAGGC
248901	GGGGGGACCA	GGCTCTCCAC	ACCTGCCAGA	TACTGAAGCT	CAAGCCGTAT
248951	ATCCACCTTC	CCACGTGCCC	ACGTGCCTTA	TTTTTACTG	GTTCCTCAGAA
249001	GCATAGAGAT	TTTATCCGCT	TGATTTGTTTT	TTTTAACTTT	GTCTGTGGAT
249051	AAACTTTGAA	CAGCCAAATA	AGGGCCAACC	AAGTAGGACA	CGCTCTGTGT
249101	CTCTTGTAGG	TGTCCCTCTA	ACTGTAGAGT	TGTGAAGACC	ATTTGGAGG
249151	CAGGCTGTGA	TGACAGGGAA	ATCCATGGCA	ACCCCTGCCT	CACATTCATA
249201	AAATAATAAA	ACCCTGCAAA	CCAACAATAA	CATCCATTG	TACTCGCTCC

249251	TCTGTGGAGT	GTA'ITCAGTA	ACCT'ITGTAC	TTGAATAAGG	CCCGAGGGAG
249301	AACAGATGAC	TTCAGTTTCT	TATGTGCTTA	AAACACTTTT	TAGGACCATT
249351	GTGGTGGTAG	TGGTGGTGCT	GATAATGATG	ATGATGGTGG	TGGTGGTGGT
249401	AATGATGGTG	ATGATGATAC	ACCTCTACAA	ATGTTAAAAC	AAACATACAA
249451	AGTCCCCGGC	TTCCCCTAGG	CTGGAATTTG	CTTTGCTTCC	TGGCAAAATT
249501	ATTTCGTCTT	TTGTAAAACC	TGGGGGGCGC	CCGAGGGCAT	GTACAGATCT
249551	CACTGTCAAT	TGTCATGTGT	CACACGCTAG	ACGTGGGGAG	CAGCAGTCAT
249601	CCATCAGGGT	AGAGGAGTAG	CTCCC'TTGCT	GGG'TTCTTGC	TGCAGGCTGC
249651	CTTCTGCTCC	ACAAGATTTA	GTGAGAAGCG	GGAAAACACC	GAAGCTCACA
249701	GAAAGA'CTG	TGCCCT'TCGG	GTGTCTGACC	GGGTCTGTGG	AAACTGTACA
249751	GATGTTCCTA	ACAT'TGTTGT	GTCC'TTCAGA	AA'CAAGGCT	CTAGATATAG
249801	'TCAAGAT'GAA	TGACAAAAGTT	TTATTCATAT	TCAGGGACCA	GCGAGAACAT
249851	ATA'TATATAT	ATGTATATAT	GTATATATAT	ATACACATAC	ATACATATA'
249901	ATG'TGTATA'	ATGT'TTTAT'	TGTGTGTGTG	ATATATATGT	GTGTGTATAT
249951	ATATACATAT	ATATATATAC	ACACACACAC	ATAAAAAATG	GAAGAATAAA
250001	TA'PCACCGCT	GAGCAT'CAAG	TCTTAT'AGCA	CACCAGATGC	AGC'TGAGCC'T
250051	TGTAACGACA	TAAT'CGCCAG	TAAGCCCCTC	CAGTAATCCC	ACT'TTATAGC
250101	TGAGCTGTCC	AGTGACTTGC	ACAGGGATTT	ACAGTTAGGA	AGAGGCAGAG
250151	CTGAGTTCT'G	GGAGCCCT'TT	ATCTGACGCC	AGGGCCTCTG	CT'TTCTATCC
250201	CCCGTGCAGT	GTCAGGGTCA	ACAGAAGGTA	ACAGATGTGT	AA'TCCATCCG
250251	GTGCCGATTT	GGTCTCTCAC	CACCTCTGTT	CTGTGTGAGG	ATCTCCGGTT
250301	ATTT'TTCACA	T'TTATAGCTA	CCCGGAGGTG	AATACAGGGT	AGAAGGGACC
250351	GAAGGCGCAT	ACAT'GGCAGC	TCTGCAGAAC	CAGCATAGAA	CACCGAGTGT
250401	TGGCTGACTC	GATGTC'TAGG	GTGAAAGCCA	CATGGCCTGG	CTACCAGGCA
250451	AGGCAGGTAA	AGGCCATCTG	AGTGGAT'ACT	CACTGCAGCT	ATGAGGAAGA
250501	AGGCACATCA	GACTTAATCG	AATGGCAAAG	AAATGCCACG	TAATCATCAA
250551	TACCAAGATA	AACTCTATCT	TCACTCAATA	AGGATGTATC	CTTTACCAAC
250601	TCACCAGAAA	AGCACAGAGA	CTGTGTACTT	CAAGGT'CCCA	GCCT'TCCTCA
250651	GGCACAACGG	CATGACAGTC	T'TTCTCAAA	GGAGTGATAC	TTTGACAACCT
250701	ATAGTCTCTT	GT'TCTGGTAA	T'TTCTTACCC	CAATAAGCCC	AAATTAAAAC
250751	AAGCAAACAG	ACCACACAAC	CCAGTTACTA	TAAGTTATAT	GCCTAGAATG
250801	GGCAGATCTA	TCAGTATACT	AACTTGTTC	CAGCTATCAG	ACTTCTTGCT
250851	ACTTGCCATG	TGGT'TCTGCT	CCAATTGGC	TTCTCTCTCC	TTCTCTCTCT
250901	CCTCCTCCTC	CTCCTCCTCC	TCTTCTCTCT	TCTCCTCCTC	TCTCCTCCTC
250951	TCCTCCTCCT	GCTCCTCCTC	CTCCTCCTGC	TCCTCCTCCT	CCTGCTCCTC
251001	CTCCTCCTCT	TCTTCTCTCT	CCTCCTCTTC	TTCTCCTCCT	TCCTCCTCCT
251051	CCTGCTCCTC	CTCCTCCTGC	TCCTCCTCCT	GCTCCTCCTC	TTCTCCTCT
251101	TCCTCCTCCT	TCCTCTCTAA	GACCT'CCCAT	CTCACCTTTG	CCTTCCACTG
251151	CCCAATCACA	GGCTC'TAGCC	T'TATTTGACC	AGTTAGAATG	GGGAGAAGGT
251201	TCACGTGAGA	TCACCTGATC	TCCTCGAGGG	CAGCCCCCTC	CGAGGAAGCA
251251	GAATTAACA'	CATAATACAA	ACAGCAACAG	TGCAACCCAC	AACCTTCCCC
251301	CTTTTTGTTC	AATACAAAGG	CTTCTTTGTT	CAGATCTAGA	TTGAGCACAA
251351	CCATAACAAT	CATGTAAATA	CAGTGTATGA	CAGTGCACCT	ACCATCCAGC
251401	CTACCA'ATTT	TG'TCCTCACA	TATTTCTCAG	TCACATGCAG	AAACACTGGA
251451	AGGAGCATAG	TACACTACTC	TGCT'TCTA'TT	TTTAGAAAGA	TGAGACCTCG
251501	GGCTGGAGAG	ATGGCTCAGT	GGTTAAGAAC	ACTGACTGTT	CTTCCAGAGG
251551	'TCCTGAGTTC	AATTCCCAGC	AACCACATGG	TGGCTCACAA	TCATCTGTAA
251601	TGGGAGGGAT	CCGATGCCCC	GTTTTCGGTGT	GTCTGAAGAG	ATCAACAGTA
251651	TACTCGCATA	CATAAAATAA	ATAAATCTTT	AAAAGAAAAA	AAAAAAAAAA
251701	GAAAGATGAG	TCCTCTATTG	AAAATATACA	TGCCCAGACA	CCTTTGAAAG
251751	TTATTTTCAA	TTGGCAAATT	AT'TCTGGGTG	CTTTCTCCAT	GAGAAGGAGT
251801	T'TTAAAATGT	GTATTTGTTA	AGCTTAGCGT	TGTTAGGAGT	AATGAGGCTA
251851	CATCTCACAA	GTATAAGTGG	GATGTGCTCT	GCTAGTCCTG	CAAGTAACTA
251901	AGATGACTCT	GTTATCTGAT	T'TTCATTTTC	T'TTAACATCA	AATT'GAAAAT
251951	AAAAACTGTG	TCCACTCCAG	CAGGTCCCTGA	ATGTGAGTCG	CCCCTAGCTA
252001	'TAAATGGCCC	ACTATGTGAT	CTCTATTTTC	CTCAGCTTAT	TGGTTCCCTG
252051	ACTGGCGGGC	TAGATCTCAA	AGAGATAAGG	CTT'TCTGGGC	TCAAGT'TGCT
252101	CACTGCAGTC	ACA'TGACTTG	TCTGAAACCA	GAGT'TCTCAC	CGTCCACGGT
252151	GGACTTGTGG	TTGTTGTGTT	TGT'TTTGTTT	TGAT'TTATAT	TGGTCACTCA
252201	TTGCAAGCCA	GAGTTATCTG	GGAAGGGAAA	CCCAGATTAA	GAAAAATGCC
252251	CCAGCCGCGC	A'PGGTGGCGC	ACACCTTTAA	TCCCAGCACT	CGGGAGGCAA
252301	AGGCAGGAGG	ATTTCTGAGT	TTAAGGCCAG	CCTGGTCTAC	AAAGTGAGTT

252351	CCAGGACAGC	CAGGGCTATA	CAGAGAAACC	CTGTCTCGAG	AAACCC'GTG
252401	TCGAGAAACC	CAAAAAAAAA	AAAAAAAAAA	AAAGAAGAAG	AAGAAAGAAA
252451	GAAAGAAAGA	AAGAAAGAAA	GAAAGAGAAA	ATGCCTCTAT	CAGATTAACC
252501	TGTGGGAAAG	TCCGTGGGTC	ATTTTCTTGA	TTAATGCTTG	ATGTGGGAGG
252551	GCCCAGGTGA	CTATGGGTGG	TGACACCCCT	GGGCAGGTGG	TCCTGGGGCA
252601	GCCAGTAAGC	CGGATTCCTT	TCTGACCTCT	GCTTCAGTTC	CTGCC'TCTAG
252651	GTTCC'TACCT	AGAGTCCCTG	CCCTGGCTTC	CCTCAGTGAT	GAAAGTATCC
252701	TGAGAACCGA	AAGGTGAAAC	GGGCCTTTCC	TCCTCACTGT	GTC'TCGTCAC
252751	ACTGACGGCA	ACC'TGAGAAA	ATAAGGACAT	TGTTTTACTC	TCAGCATCGT
252801	GTGTGGAGTC	AGAGGAGGCA	GGACATGTGA	GGACACTGAG	AACCATGGGA
252851	ACTGGGCCCTT	GTCAT'IGACC	CCATGAGACT	GAAGACTCGC	T'TCCCTGCG
252901	CCTCCCTTCA	CAGCGGAGGC	CACGGCTCTC	CAC'PCCTTCC	T'TCTGTGGCT
252951	TCC'TTGTATG	TCAGAGACCA	CGGTGGCCAT	TCC'TTTTAT	T'TTCTACCC
253001	AGCCCTGTGT	GTCCAATCCC	TGTGTCAACA	GAGAGTGTCC	T'TCTTCCCA
253051	GAAGTGCCTC	AGTAC'TTTC	CAGGAAGCTG	CGTG'T'PCCCT	CCAAGCCGAA
253101	GCTGAGCAAT	GCCTGGCGTG	GTCATTTGTT	T'TCAGAGTCG	CTGGC'TGCTC
253151	ACTAGAGTCA	GCTAGAAAGT	GCGAGGTGCC	TGCTCAGGCC	AAGGCCAGCA
253201	CTGCTTTCCC	CAGACTCACT	GAGTGTGCGC	AGCCTCGATA	CAGCAGGCC
253251	TACGCTAGTC	AGAAAGAA'T	GGAAATGGG	TGAGGCCGGT	TACTGT'TGG
253301	TAATTTGAGA	CAGAAAGAAC	TGAT'TGGCTT	GGGAAAT'IAT	AGAAATGAC
253351	TAAGGCACAC	AGCCAAAATT	AAAAATATCAA	GTACACATTT	TACTTTAAAA
253401	AAAAAAGGTT	TTAAACTTTA	AAGTATACCA	CCAGTTCCCTA	GGGATAAGGA
253451	TGGAGGTCGG	TGGGAGGGAG	GAGGGAGACT	GAGAGGCCAG	CCTGAGCTGG
253501	TCAGAGGAGC	TCCGTGGATT	ACCTCGTGTC	CTTGCTAGCT	CCCAGCTGGA
253551	AAACAGCATT	GGATTGCCCA	CATTATGTCA	GATGCCTCGG	TGAACTTGGC
253601	TAAAACTCTG	TATC'TTCAGC	ATTCTAGACA	GGAAGGAATT	T'TGTAGGAGA
253651	GATGT'TTATA	GAAAATAATA	CTGTAGAAAG	ACAAAGCCAA	GATAGTCCAA
253701	GT'TAT'TATAT	TG'TCGTTGTC	GTCGTGCTTG	T'FGTTGTTAT	TGTTATCTCT
253751	TTCACAAATC	CCGTGTGGGG	CTTTCTAAGT	AGAGATCTTA	CAGTAAATAA
253801	AAGTAGTCGG	AAC'TGTTTGG	AAGGAACACC	CTGAGCCTGA	GCCTGCGCCG
253851	CTTCCTGTCT	CCCCCACCGC	TCTGTGGCTC	TGCCCTCTAC	TGGAGT'TTTC
253901	TTTGAAGAGT	CATAAGCAGC	TGGAGATGGA	TGCTGCCCGA	GCGAAGGATG
253951	TTGTGGAAGC	TGACCCAAGG	CCACAGAGTT	GTAGCCCAT	TGAGGAACAC
254001	TTTACGACTG	CGGC'TCCTGT	AGAGCTCCTC	TGGTTAGACA	GTGCGCAGGA
254051	TCCCTCCCAG	GAACCAATGG	CACTCCTGTC	TCCTCCTCAT	CTCCCAGAAG
254101	CAAAGAGGTC	AGCTCGAAGT	ACAGCTCCGC	CAGGCGTGGC	CTAAATACTG
254151	TGTGGGGGTT	CACTTTGGCT	CATCTGGAAT	TTCATGCTAC	CATATCCTGA
254201	CTTCGAGTCT	CTGCTTCTTG	GAAATAGTGA	GGGCTTCACC	CATTCT'TTTT
254251	C'TAGTTATTC	AGAAAAATGA	AATCTGTGGT	TTAGTTTACC	AAC'TGTCTT
254301	TAGTCAAGAG	ATACTTGTGC	CAGAAAAAAA	TCAAAGTACT	TGAAGTTTGA
254351	AAAAGCAATG	TGGT'TTGTC	GGCTTAGTCA	CTATCTTTAA	CTTTACCCCTG
254401	ACCATATTGG	CTCTTAGGTT	CCAAATTTTG	GCTAGAAGTG	AAT'TTCTTAT
254451	GATAAGAATG	ATATCCTGAA	TGGAAAGAGG	TCAATTAACA	GTAATTATTA
254501	TCAGCAGCTC	CTCAAATAAA	AAGCATTGAA	TACATTTCTAT	GTACATTCAT
254551	GCACACACCC	TCACTAGTCC	TACAAATAAC	TGATCA'TAGC	T'TTCCCTTTC
254601	CGCCACTTCC	TCC'TCCTCCT	CC'TCCTCCTC	CTCCTCCTCC	CCCACCTCTG
254651	TCTTTAT'TCA	ACATGGGGAT	CCCAGCTACC	ATAGGAAC'TT	T'TTGGAGAGG
254701	ACTTATAAAA	TACAA'TGCTT	ATATGAATAG	ATTTTTCGTCG	TTATGGAAAC
254751	TAATATGGAA	ATCCTCCGAA	AACTAAAACA	TGTGGCCCCA	CTATTGGGAA
254801	ATGAAATAGG	TGGGTTGAGC	AGATGTCTGC	ATTCACAGTG	TCAT'TCTGAA
254851	TAGCCAAGAG	ATGAAACTGA	CTTTAGAGAC	TGTCAGATGA	ATGGATAAAG
254901	GATGCACATA	CACACATTGT	TAAGAGATGT	AAGCCAGGCA	CAGAAAGATG
254951	ACTGCTTCAT	GATTCCGCTA	ATATGTGAAA	TAGAGATCAT	AGAAGCCAGA
255001	GTAGAATGGT	GGATACTGGG	GGCCAGGAAG	AGGGCTATGC	TGGGAAGATA
255051	CTGGTCCAAC	GATACAAAGT	T'TCTGAGAGA	CAAGAGGACA	CAGCATGGTG
255101	TTTAATAGTT	AACAATGCAA	CATTTATTTT	AAAAC'TTCAG	AGAACAGACT
255151	TCAAATGTTA	ACACCACAAA	ACTATAAGTA	TGTGAGGTGA	TATTCAATGA
255201	ATACATTTAT	TAGACTATAG	TATTTT'CTTG	TAATTCATTT	GTTATTTTAT
255251	AT'TAATAATA	AAAATTAATA	TTATGTTATT	TCAAAATAGA	AAGAGAGAGG
255301	AAAGTAATGC	TGGTAGTTTT	TTCTGTCTCA	AGGCTAACTT	CAGAAACAAA
255351	TGAGACT'TTC	ACTCAGACTG	GTTGAA'TTTC	TTCACTTATC	T'TTGTTTCTC
255401	TGCGTTAATT	TGTAATAGTT	TGAGA'TTCTG	ATAAGAAGTT	TAATTTTAGA

255451	TTAGAAATAC	TCATGAGAAT	CCTAAGATGC	TGCTAACCAC	ATGTAAGTTG
255501	GCACAGTTTT	TCAAAACAATT	TCTCACTCTA	TGCTTCCCTG	GAAAAGCTTA
255551	GAGAAATAGTT	CCTATTTGAA	GAACGGACTG	CCGGAGGGGT	AGCCTGGTGT
255601	CACAGTGAAA	GACTCAAGGG	GGCTAGCCTG	GTGTCACTCA	AGATAAAATA
255651	CAGAATTTCAG	GGACCTGGGC	CCTAGAAATC	ATGGGGAGAA	AAGGAAAGAG
255701	AAACTTGCAG	AAAGGAGGCG	AGAGGATGCT	GGAGGCTCCT	CCCTATTTCA
255751	TACCATGGCC	TTGGCTGGAC	CTCTCTATGG	GAAGGATTCA	CATCTCACTG
255801	CTTTCTGTGT	TAAATCATTT	ACACCCGAGA	ATTCCAGCTA	ACACCTGCAA
255851	TGACTAGTTT	GAAGAGTTAA	ATAGTAGAAA	TGAGTTAAGT	AGTAAAAAGT
255901	TGCCCCACCAT	TGATATTGTC	TCTTAGGGGA	GTTTAAAGTT	ACACACTAGC
255951	AATTTTTTACA	ATGTCACCTA	AGAATTCCAA	GGTTAGTAGT	TGTAGCAATT
256001	GCTGTTTTAG	TGACTCCAGT	AGCAATATTT	TCTATAAAAC	GGTTAGAAGT
256051	TAATATATGT	GAGATGCCTA	TCCAGTTATG	GGCAGTGT	GTTTAAAGTCA
256101	TAAAGCGGA	TGCTTCATTA	TTAGGTATCT	AGGTTTCTGC	TCCGTGCCCTA
256151	TAAACCCAGA	AGGGTGGGTC	TTGTTCCGTG	CCATTGTCTG	TGGTGCCTAG
256201	AATATAGCAC	ACTCAGGAGA	CGAATAITTA	TTACATGCAT	GAACAAATGA
256251	ATGAGTTCTG	TTTATGGTTG	AAGGTCTGGA	AGGCTGCACC	TGTGGGCGCA
256301	TCTGAGCAGT	TTTACCCAAG	CCTGAGTTT	TCTTCCCGAA	GCCCGCACTC
256351	ATCTGTATGT	TTGACTCTGT	GTGCAGTGCG	AAGGTCAATC	TGCGCTTTTA
256401	CATAGAGAGA	AGACGCGCCC	TACGTTGGCA	TTTGTGCTC	GTTTATTTCC
256451	CTCATGTTCA	ACAGTCACAT	TTTCATCCCG	ACACCAGCCA	GAGGCTTCTC
256501	ATTCAGCTTC	TTTGAAGGGC	AGCAACACTC	CGCAGCCACT	AGCTAGCATG
256551	CCTCTCCAAT	TGCTTTCCAA	CTCCCAGTGC	TCATCCCTCT	GCCCAGAACA
256601	CACCAGCTCC	GCTTGTCTTT	GAGCTAAGAC	AGAACGGTTT	CTTCTCACCT
256651	TCCCCTGCCG	CGGTCAGCCT	GCTCCTTCTT	TTCCCTTCCC	TTCTATGTTT
256701	CTCTTTCTGG	TTTGTTTGTT	TGTTTGTGTT	GTTTGTGTTG	CTAAAGCAGC
256751	CTATATATTT	CTAGTTCAGT	ACGATCAGTT	CCTAGAAAAC	CGATTTCCCA
256801	AGCTTGCATA	GAAAACCAAA	AGCATGCTC	AAGCGTGGAC	TCGAGTCTAA
256851	TCATTGAGCA	GCTTCTCTGT	GGATAGCTAC	AATCAGAGCA	ATGATTTAAA
256901	CCTGACCTCT	AGCTGGAAAT	AGGTGCGAGA	TGCCTCACTG	CTGTGAAACA
256951	AATCCTAGTA	CGATCTTAGT	GGGGACAGGC	GTTCCTAACC	CTTGGCCACA
257001	TCCCAGGACA	GGTCCACTT	CAAGAATTTT	CTGTGTAGAT	GAGGGGTAAA
257051	GTGGAAAAAG	CAGCCACATC	TCTGGGTCCA	GTGTATGTTA	TCACAGCAGT
257101	TCTAGTCTAC	TTAATAGATG	GGGGCGGGGG	GAGATTTTTT	TTTGCTTTGC
257151	TTTCTAGGAC	TTTTGTGCGC	AAAGAATTAA	AGAATTATAC	CTTAAAAACT
257201	CTTATTTGAAA	GCTAAGCCAA	GCCACTGGGA	GGATTTGATT	GTTTGTTTGG
257251	TTTGGTTTGG	TTGTCTTTGT	TTCTTTTGCT	CTCTTTTTCT	GTCATAGTAA
257301	AGTTTCTGTA	AGTAGTATTC	TTTTTGCAGG	CATAAACAGA	ATTGTGGCTT
257351	TTGTTTITGTT	TTTTTTCGAGA	CTGTTTCTCT	ATATAACCCT	GGCTGTCTCT
257401	GTACTCACTT	TGTAGATCAG	GCTGGTCTTG	AGCTCAGAAA	TCCGCTTGCC
257451	TCTGGCTCCC	AAGTGCTGGG	ATTAAGGCG	TGCACCACCA	CGCCCGGCC
257501	AGATTTGTGT	TCTTGGGCAG	CATCGTCTGT	GTCAAACACT	TGCGTACACA
257551	ATTCATGTCT	TTACTTTTCAG	ATCAGTAAAA	TCACTTTCCCT	TGTCAAGGTT
257601	ATCTTCAITTT	GTTTGTPTGT	CTTTATCAGA	TGTCCTTATT	TCCTAAGGCC
257651	TGGGACAAGA	GGGTCTCTTT	CAGGGTCCCTA	CTCTTCAGAT	TTATGGTTCC
257701	TGTGGTTTCT	GCTCTATTAG	AGCCTCGCCC	CTCACAAATC	TCTTTTGTAG
257751	ACTTGGCCAC	ATCTCACAGA	GCTCACACTC	AGACCTGAGA	TCACCTGATA
257801	TCTCCCTGTG	CTACTTTACC	CTGGCTGCTT	CCACCCGGTG	AGCCCTCCAC
257851	GTACATAGAA	GCATCAGGAA	TCAGGAGAGG	CGTAGTGGCT	GCTGTTGGAA
257901	CATCTGGCAT	CTGACTCTGA	GTTATAAAGG	AAATGACTTT	AGAAGGAACA
257951	TCTTGATGAG	GGAAGATGAT	GAGGCCCCAA	AGGCCCGGCC	CTTGGCAGAG
258001	CTGCTCTGTT	TGAGTCAAGG	GGAAACAGCT	ATCGGTGTGT	CAGAGAGTGA
258051	GGGGAACCTG	TGCTTTAATA	ATAGGGAAGC	GAGGAGGTGG	GACAGAGAGA
258101	GCATCCCTGG	ACAGGAAGAG	CCATGACACA	GCTGAACGCA	GAGGTCTCCA
258151	AGTGTCTCTG	AAGTGTCTCT	TGCTGGTACA	CGCTGCCATG	GAGAAACTCG
258201	TGGGTGGGGT	AAATTTAAAA	ACTGTGTGTG	TTAGCAACTT	GATTGGTAAG
258251	GTACAAGGGA	CAGATGATAT	TCATGTTGTA	ACCATTCTGG	CAGGAGCAAA
258301	AAGATGCCAA	AAGAAACATT	AGTACCCCTC	CCTCCCTTCA	GCTATCAGAG
258351	TATGGGGACA	AATGTCCCCC	AAGGAATTAG	AGCCCCACCC	TGGGAATCTC
258401	TTGCTGGATG	GGGAAAGGGC	TGAGCTCTTG	GTGGCAGCCA	GGAAGTGACT
258451	GCATGTACCT	TAGACAGCGT	GACCCGTGTA	AAGCAGGCCA	GGAGTTAGTG
258501	GTTGACAGAA	TCATACCTTA	ACCAACGATG	CTTAGCAGCT	AGGAAGCTGT

258551	TGAGTCAGGC	CGCTGAGCTG	TTGGTCTCGT	GGCTCGCCTG	GCCGTGGGCA
258601	TTCCCCACCC	TATCTGGAAG	AGGCACGCTT	TGTGACAAGC	TGCAAGAGAC
258651	ATGCAAAGGG	TACAAAGAAA	GGTATTTGAC	TATACCAGGG	GATAGATGTGT
258701	CTTTGTCAAT	CCCCTTGGTC	TTCTTGAGAA	GGTGAGAGAC	AACAATGACTC
258751	AGCCGTTTCT	CAAAGGGAAC	TTTGTGTTTG	TGAGACTTGC	CAAGCAAAGA
258801	TTCCGTTCAT	CCTATTGCAC	ACATCCTTTT	CCAGACCCCT	TAGCACCAGG
258851	ACTGACCACC	TCCTTCTGGT	ACGAGTGGGC	GCTTCAGGGA	ATGGTGTATGG
258901	TATCACAGGC	CTGTTTAGCC	ACAGCCTTTG	TTCCGTGTCC	TGAGGGCTTC
258951	TGAGAGAGAA	CTCTTGAAGC	TTTCAACAGC	CAGCCTCTTT	TCCTGTTAGA
259001	AAGGTTCCTG	GGGGAGGCAC	GGAGATAGCA	AGTCTGGTGT	CAGTCTGGAA
259051	CTCTCCTGCA	TTAGCACTTA	AGGGAGAGAG	AGGCTGAGGT	GTCGAAGCTG
259101	TATCGGTTAG	CTGCAAGTAC	TGGTTTATTAT	TTTACAGATA	CCATGGCGTT
259151	CCTCAGATCC	TTCGATGGTC	ATTGTTGAGA	TTGATCACTT	GTGGAGGTTG
259201	ATCCGAGCAT	TAAGTTCCGA	GGAGAGGCTC	GAGTTATGCC	CTCCTTGAC
259251	ACACAGGTAT	ACAGACAAGA	TCAATTTGTG	TTGTCTCTCT	CCTCACATGC
259301	AGACTACAGT	ACCCGGCCAT	CGCTGCAGTT	CAGAGAAATG	GAGGTTGCCT
259351	CCGTGGGACA	GGAATAGAGG	AAACTCCTTG	AGGTCCATCC	CACAAGAATC
259401	TCTTGCGTGC	CTTCTCCCTT	TCATGTTCTT	CCTGTGGACT	GGCTGGGCTG
259451	GAGGCAACGG	CACTCAGGAC	CACTCTGAGA	GTTGGCAGTC	TCCATCAGCA
259501	GGGGTATCTG	GTACCTTGCA	GGAGGCCCTG	TGTTCACGCC	TGCCTACCTA
259551	CATAGAACTA	ACTGCTCAAG	AGTAAGGAAA	GAGATATGTT	CCATGTGAC
259601	CATGTGCCCT	GGCAAGAACA	GTTCTCTTTA	AGAGTCACTT	CACACTTCTT
259651	TTAGCTAAAT	ATCTAAAATC	ATCCAAAAAG	CCCCCACGTA	CCCCATCTTG
259701	CCAATAAATA	GTAAGTCTTC	ATTAAGGAGC	TCTGTCTCCC	TGGCATTTCTG
259751	AGAAGCAGAA	GCCCCAAATT	ACTTCCAGCT	GAAATGGAAA	ACAAGCAGAG
259801	CAAAACAGAA	ACGCATCTGT	GTCGGGCAGA	GTAGGCCCTG	CCTTAAAGAT
259851	GTCTGTCCCT	TAATCAGCAG	AGCCGTAAAA	CCCATACCGT	ATTAGCATAA
259901	CACGCAGATA	TAGTTGAGGG	CATTGCTGTT	GCTATGGAAG	ATTGTCCCGG
259951	GTCATCCGGA	TGTACTCGAA	CGCATCACAA	GGAAAAGCCG	GAGAGGGGAG
260001	CAGAAGGCGA	GTCACAGAGA	TGTGATAGGA	AAATTCAACT	CGGTATCGCC
260051	CACTTGGAAG	GGGCCCTGAA	CCCAGGGACA	CAGGCAGTCT	CCAGAGGCCA
260101	GAAAAGAACA	AGCCCAGGGA	ATCTCCATAG	AGCCTAAAAG	GAACACCATC
260151	AGCTGATGAC	TTAGCTGACT	CAGCGAGTCT	CATGTCAGGT	TTTGTGACCCA
260201	CAGGACTGTC	AAATAATAAA	ATCGTATTCT	TTGGGGCTGT	CTGTGGCTGA
260251	TAGTTATGGC	AGCAATAGAA	AATGGTATTC	CACTCACATA	AGATATCTGG
260301	AAAAAAATGT	TTGAAGTTTA	TCTGTGATGC	GGAGATGTTT	GAAGTTTATC
260351	TGTGATGTAG	AGACAACAGC	AAGCCTTACT	GGTTGATTCC	AGATATCTGG
260401	AGGTCGGAAT	CACACTGCCA	GGCCCATCTC	AGAGCTTTAA	GTCCCCCCTT
260451	CAGCGCTCTG	GCATGTGCAC	ACAGATGATG	TGAGTTCCAG	AGGAACATAA
260501	GCATCCCCCA	CGTCTCTGGA	GGACAACGCT	GTTTAGCCCT	GGGTGGCCAC
260551	CTCATCAGGA	CTAGCCACTA	ATACTGTGGT	CAGGCCCTTG	GGCAAGCAGC
260601	ACAGTTAAGA	TTTCGTTTCC	TTCTAAATCC	TCCTCCTCCT	CTACTGTTGA
260651	AATGTGGCTA	GCTGCTTCAT	CTCGCAATTA	GAGTGTCACT	CCTCTAATTC
260701	AAACCAAAACA	AAACAGTTGG	AAAATATAAC	CGCATGGCCC	AGTCAGGGGA
260751	AGGAGGAGAT	GGGAGAGATC	CAACAGTTAG	GAACCCACTG	GGCTGAAGGA
260801	GAGGGCCCTA	GGCGCAGCTC	TCCCCCAGCT	TGCCCATGGG	GTGTGCTTGG
260851	TCTTTCCCTTA	TCACAGGATG	CTCTCTGTGT	GCTGTATGGT	GGTGGTAAGC
260901	CCCTGCTCTC	AAGGGTTTAC	AGAACGAATG	GCTTAGGACT	CTGATGAATT
260951	CATAGGTTAT	TTATGAGTGG	AGAGCCAGAT	GTCTCTGAGT	ATTCACTATT
261001	CTCAGAGTAA	ATTAATAGCA	TTTTCCCTTG	TGTGGTTATA	GTACAATTGG
261051	AAAGATCAAA	TGCGCATGTC	TTTCTATAAT	TGTTGACGTT	TCTTCCCTTC
261101	TTGCGCACAG	GAATCCTAGA	GTAAGAGATCA	GCTTATGCTT	GAGTCAGGCA
261151	CCAAGAAATA	TTGCTGAGTC	ATTTGTTTAA	ATAGAGGGGA	GGAAGTTCTT
261201	ACTGTAACAA	GAAATAAAGT	ATAATAATCA	CTATAGAAAT	TACTCCAAAG
261251	GGAGCATATA	TATGTGTTACT	TATTTTACTT	TAAGGTCACCT	TATTTATTGG
261301	ACTTTACCTT	ATTTTCATAAT	CATTTTGTGT	TGTTGTTTCT	GATTTCTTTA
261351	GTACTTCTCT	AGAGCCTGTT	ACTTGAACAT	TTCTCCCACT	CAGTTTATTG
261401	AGTCACTGGG	AAAAAAAAAG	ATAGGACTTT	ATATAAAAAAT	AAATATGTAA
261451	ATAGAAACAA	AGCAAAAACT	AGCTAATGTA	AAAAAAAAAA	AAAAGCACAG
261501	TTGTTGCATG	AAACTGGAAA	GTGCAACTAT	GTCCCAAGTT	TTGCTATTCA
261551	TAACTTGTAC	CCCAGGGGCC	ACAGCCTGCT	TCCTGGCCAT	GAAACTGTGT
261601	AGTGAGTGCC	TTGGTGATAC	GTCTGTCAGA	GGGAAAGTGG	GGCATGGATC

261651	ATGACGTCAG	CGCTGCATCA	CAGATCTTGC	AGAGACAGTC	AGGGCAAAGC
261701	ACAGCAGGTC	CCATAGGGAT	GTATGACACC	ACAGCCTGCT	AAGGAAAGAG
261751	CAATTCGTAA	GTGACTTTCC	TTTAATGTTG	GCTGTGGCAA	CTGCTGGTCA
261801	TGAGCTGACT	AGGTCAATGG	AA'TTTTCCTG	CT'TAAAGAAG	TTTCCTAGTA
261851	CACATTTT'TT	TA'TT'TCCAGG	GGCTGAATAT	GTCAGT'TCCC	AGCAGACAGG
261901	TGTAGCTTGC	CTTTGTAGAG	ACAAACAGCA	GAC'TTCCATG	TGGTCACTGT
261951	GTGTTCCAAG	TATCTGCTGC	TCAGCAAGCG	AGTTGCTT'TT	CTCCTCTCTG
262001	CCTCTCTGGA	GTGTAA'IGCT	CTTCACAAAT	GTCTGCTCTA	GAT'GCT'TCTG
262051	AAAGGATGCT	TTAAAAATAG	GCACCTCCTG	GCCTTTTAAA	TTTGGTATCG
262101	AAACAGTAAG	AGAAAACATG	ACACACTTCA	CAAACGGAAA	TAGGCTGAAA
262151	TTTGTATGTG	GAATAAATTT	TCCATGACAT	GATTTGATAA	AATAAGT'ATT
262201	GAT'AACCTTA	CTCAGTATCG	TG'TTAAATCT	AAAACAAAAC	AATAAAAACT
262251	TACCTGTAGT	ATTTATAAAA	CTCATCCCTG	CCCCTACCAA	AAGAATAAAA
262301	AAGTTGGTG	GCTCCAGAAA	ACATGGCAGC	TGCCTTAAAA	GTAACCATGC
262351	CACATTTT'GT	TATGACCCAG	GGCTTCCCAG	TTCTGGCCCC	CTCCTCTCTT
262401	GAGCGACTTT	GCAGGTGGGA	T'TAAAAACAGA	CAGAAGGACC	TGTGGCT'TCC
262451	CCTAAACCTA	CTAGCCTACC	TCGCCATAGA	AGAGT'TTGAA	ATAC'TTGAGG
262501	AAGGACTTTG	CT'TCTGTGGA	ATGAGAGAG'I	GTTCATGCCT	AAAAT'ACTCA
262551	ACCTGTTTTG	GAAAGAAGTG	CATACCCAGC	TGAGGATGTA	GCGGCCATTT
262601	TTAT'ATTGCC	CTCCTGATCC	TGTCTCTTTG	GAAAGTCCAT	CTGAAGACAA
262651	C'TGTGATCGG	TCACAGACCT	GAT'GTATGGA	TCAGCT'TTGT	GCGAT'GCTAA
262701	TGAGGGCACC	AAAT'CACAGA	AGGGCGCTG'I	CTGGTCTGGG	TGTGGACAGG
262751	TGGCCCAGCA	GTGAAGGGCA	CTTGCTGCCT	TT'TCCAGCAC	CCACTTCCAG
262801	GGCGCCCAT	ACTGCTGATA	AACTGAGCTG	CAGGGGATCC	GACT'CCC'TCT
262851	TTCAGTCTCT	GTAGGCATCG	GCACACATAC	ACACAAATAA	AAATAACAAA
262901	GATAAATCTT	TAAAAATCGC	GACTTTCACAG	CTTTACGGGT	TCAAGTTCGA
262951	ATGGAATAAG	AGCTGCTCTC	CTGCCCCCAG	CTGACATTCA	CGGCACAGGA
263001	AGAATAGCAA	TAAATAGGCAT	GCGTACT'AGG	ACCAAGAGGT	TACACCTCTA
263051	GCCACAAGGA	GAGAAGGCAC	TGGGTGGGCC	AAAGCTCTGT	CCCTTGAAC
263101	TTGTAAGGTC	ACCT'CCCTCAT	GGAACCAAGA	ACGTCCCCT	GGACCCCAAC
263151	TAGAGAGGGA	ACAGGGACAC	TCCGATTGGA	TGTGGTGC'TT	ATC'TGCAACG
263201	GAAGAGGTGT	GGGTACCTGC	TCCACTGCAG	CCGGGTCAGA	GCACTCATGG
263251	CTTTACTCCA	CCCCCCCCAC	CCCCCCCCAG	CCAGATTCCCT	TAAGATTCTG
263301	GATCATGAAA	CAAGGAACCA	AGGTTATGAT	GCAAGACACA	TGTGGTACGT
263351	CTACTACACG	CTAGGCACTG	TTCTAGG'IGC	TAAAGGACCT	CTATACATGT
263401	GATCTAAACA	CAGGGTAGAA	ACCAAGGCTA	TGGTAAAGAC	CACCAGAGTG
263451	CTGGCACCGA	GATGCTGCTC	CAGCAGGTCA	GACACGGCTT	C'TTAGAGGAA
263501	GTAGCATTTA	AGCTGAGACT	AAAAAGTCAC	ACTAAAAACA	AATAAAGAAG
263551	AATTGGCACA	TT'TGTCAGAT	ACAAGTGTTT	ATTGTATGGC	CGT'TATGTA
263601	TAGGCATGCT	TGAGGTCCTT	TACGCACTCC	GGGAAAGCAG	AGAAAGATCT
263651	TTGCAATGGCT	ATTGACTGCC	TAATTGGTAG	AAGGTGATGA	TGCTCAAAGA
263701	GTGTGTGTGT	GTGTGTGTGT	GCTCGTGGTG	ATGATGACAC	AGGAATTA'IG
263751	AGATAGTACG	TTATGTAATA	TGTTTACAGAG	AATGTAAAGT	GTCATGTAAA
263801	GAAAGAGAAA	GTGTATAGCA	GGAGTGTGGT	TTTCACTTAGA	GGGGTGTTCAG
263851	ATAACCTCTG	AGCAGACACT	TGGAGGAGTT	ACCTGTATGC	ATCAGCTGTG
263901	AAAGGGAGCC	AGCACAAAGT	CCCTCAGTTG	GAACATGACT	GACATGTGTC
263951	TAAAGAACAA	GAATGTGACC	CGTGTTTAGA	CAAGAAGCCA	AAAACA'TCAC
264001	TGAAGGTCAG	ATCTCCTGGG	TCTCATAAGC	CACTGGGAGC	ATTCTGTATT
264051	TTCTCTCTAA	ATACAATGAG	TATGTGTTGG	GGGAACCTCT	ATGGGGTTCT
264101	GAGGCAAGGG	GTGACATGAT	GCAGCTTGAG	TATTAATAGG	CTCACTGGGC
264151	TGCCCTGTGG	AGAGCAGCTG	TCAGGGACTC	GAGTCAAAGA	CGGAGCGACC
264201	CAGGTGTGAG	ATGAGCGAGG	CGCTGAGAAG	AAAT'GGCCTC	TCCCTGTGTA
264251	CTCTCCACAG	CCCACGCTCT	GCCTTCACTT	CCCTCAGCCC	TATGTCTTTT
264301	ACGCAGCCTT	TATTTT'TCCA	GCATTGTTCT	AGGGACAAC'T	CAGGCACCAT
264351	ACTCCAGTGT	CCATGATACC	CTGCCTTATC	AACCACAAC'T	GCCGTGCTCT
264401	CTATGACAGT	TGATGGGCTG	GCTGATAATG	ATGGGAGAGA	AGCCAGGAAG
264451	CATGGCACTG	TGGGAAATAC	AGCCTGTGCA	ATGAACGGAG	CAATAAACGT
264501	CTCTGGTAAA	AATATCTATG	TCTGTGTTCT	TAT'TATAGAG	GATAAA'TTAG
264551	CAGAGCCAAC	CCAGATTTGA	TGTTGGTTGC	GGAAATGTCT	GAGGTTCTGA
264601	GGTCTCTGAA	ATCTTACCTT	AGGCTGCTAC	TCTCTGCATC	TCTGATAATG
264651	ACACAGCAGA	GAGCTACACA	CTGTTCTCAA	ATGGAATAGA	GT'TTCCCCAG
264701	CAAAAGTGTT	AGTCACCACA	CAGTTTCAAT	ATTATGT'TGA	AATACAAAGA

264751	AAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA
264801	AGGAAAGAAG	GAAAGGGAAA	GAGAATGCTT	GGGGCTTGGA	GAGAGGACTC
264851	AGGGCTTAGC	CCTTGTAATC	ATTGCCAAGG	ACTGGTGTTC	AATTCCTCAGC
264901	ACTCCTTTGG	TGGCTCACAA	CCACCCATAG	CTCCAGTTCC	AGGGAATCCC
264951	ATGCCCTCTT	CTGAACGCCA	CAGGTACCAT	GTGTCTGTGA	AATTTTATAT
265001	GTAATGTATG	ATGTATGTAT	GCATGCATGC	ATGTATGTAT	GTATTCATAC
265051	AGGTAAAAAG	TTCAATTCACA	TAAAATGAAA	AATTTGTTTA	AAACAGAAAA
265101	AATCAATTCC	TGGAGATCCA	GAGAACCATG	AGTATAAATC	ACGGTATAAC
265151	AGATAGATGG	CTTGAGAAAT	GCCTTCGGAA	AAGCAGATAT	TTACATTACA
265201	CTGATCACGC	TTGCTTTTCT	TATTTGGTGT	TGTACAGGAA	GTTATTGATTT
265251	GAAACCTGTA	GGGATACTGT	TTCCCCAGTG	TTTAGAATGT	TAGAAACTTT
265301	AATGTTTCTC	TGAAATATTT	GAGTTGGAAT	CAATAAAATT	GGGTCTTTCA
265351	ACTTCAAGCT	TCACTATGAC	CCCTTTGGCA	TGAATGTGAT	ATTTTTTATC
265401	TTCTAAAAGT	ATATAGTCCT	GACCAGATAA	AATTTATGTA	GTGAAGCTTT
265451	TTCCTTTGTG	GCCGTATGGG	ATACGTGTAA	TAGCTACGGC	CTCCATTCTT
265501	CCTTCAGAGA	TGCCAGAGCA	TCATTTGTAAA	TTAAGGCCCA	AGATCCAGTG
265551	GTGCAACCCCT	CTGTAGCAGC	CCAGACTCCT	AAGAGCCACA	TGGTGAACAC
265601	AGCCAGAGTC	TCTGGGAGGG	TATGGCGAGG	GGGAGTCAGA	ACTGTCTAAG
265651	GATAAGGTGC	TGCCTCCTAG	CTGGGTCCCC	GTCAATCAGCA	GATCCTATGC
265701	CAGGGACAGA	GAGGCCACGG	GCATTTGCTT	AGGGCCACAC	TACTGCTGCC
265751	TTTACTGTCT	TGAGCTTCTG	ATGCGTGTGC	TAGCTAGAGT	GCACTATAGG
265801	TTCTTTATTC	CTCTTCCATC	TAAGTCACTT	TCCCTAGACA	GCTCAGTCTT
265851	AGTGGTAGAA	TCAGGGCAGG	ACCTGAGGAC	TTTCATAGTC	TGGGTATATCT
265901	ATCAAGAATA	CAGATAAAGG	AGTCGTACG	TTTCCATCGG	CATGGAGACA
265951	AGTTGAGAGG	AAGGGACAAG	ATTGGCGAAT	AAGGAACGGG	GTGCATTGAG
266001	GTTGAATGCC	CACGTGCCTA	CCTGCCAATG	AAGGGCTGTG	TGTAGTTTAT
266051	TTTACCTTTC	ACTGAAAAGA	GGAAGAAAGA	TACAAAGACA	ATACCAATCC
266101	AAACATGCCA	CCCATTTCTCT	ACTGAGTAAT	AAATCAGTGG	GCGAGCACTT
266151	GCCTAGCACG	CAAAAGGTCC	TGGGTTCAAT	CTTAGCCCAG	TATAGTGGTT
266201	TACACCCAAT	ACTCTGGAAA	CTGATGGAAG	AGTATTGCCA	CAAGTTCAAA
266251	GCCAGCCTGG	GTTGCATAGT	GGTTTCTTGG	CTAGCTAGGG	CTACATAATG
266301	AGATTCTATC	TGAAATCAAA	CAACATCAAT	GATTCAAAAA	AAAAAAAAATC
266351	CTTGCTGTAA	TTATGTGACA	GTAGTGAGGG	CAAAGACCAC	ATCTTCTTGT
266401	GGCAGCCAAA	GATACACATC	CTATCCTATA	ACCTCCTGGG	CCAACAGTGG
266451	AATGAAAGCT	GTCCAAGCCC	CTTAAAGCAA	TGGCTGTGAG	CAAAGGGCTT
266501	TGCTTCTAGG	CTGTCCAAAT	TGCTATGTAA	CGTAAGCCTT	CTAAATTACC
266551	CTCACCCAAC	TTGCCACGAT	GCTGAACATT	GCTTTCGGGT	AAGCTTCGTA
266601	AGCCACCTCT	TGAAATAGGG	ACGCTCTGTG	CTTCTTTGAA	AGCTGGTGTG
266651	ACTAACATAG	CAGAAACACT	GCGAGAAGAG	AGGATGGGAG	CGAACCAATG
266701	TGCTTTAGAG	ATGCAGAATT	GCGAGGGGGA	CCTTCAATGA	ACACAATATT
266751	GCTGACCCAT	GAATCATGAC	AGGGCAGATT	TACTCTGCCT	TAGGATGGCA
266801	GAGAGTCCAT	AGTATGCTCG	AAGCCATACG	AAGTGTTAGG	GGTAGCCTTA
266851	TACAGTAATG	GGCCTAAATT	GGCCATCCTC	ACCCAATCCA	ATGGCTGCCT
266901	TTTGTGTCTG	CCCAACTCCT	GAAGTGTGTT	GTGAAGGTTT	GTAAAGCAAG
266951	GAACAGCTGT	GCGGGGTTC	GAATAAAGAC	AGTCTGAGAC	CATACCTCAA
267001	AGGGATAATG	TGGAACTTTC	TTGTCTCCAA	CTAGAAATAT	TTTCTAAGTG
267051	ACTACGTGCT	ATATAGGTTT	GAATTTTGG	CTCCATTITT	TTCTTTCTTT
267101	TCTTTTATAT	TTTATTTTTC	TCAGTGCTAG	GAGTAGAATC	CAAGGCCAGT
267151	AGACCTGCAG	TGAACTGATG	GGCCAGAGCT	GGGGGGTTGG	GAGAAGGGTG
267201	ATACCTAGAC	GGGGACTCCC	CCTTCTCAGA	GGAGAAGGGG	AGGGAGGTAT
267251	AGAGAGGGGG	AGTTTTGCAT	GAGGGGGTTC	CAGGAGGATA	GGGGGAGATG
267301	ATATTGGGAT	GTAAAGTGAA	TAAATAAATA	GTCCAAGGCC	AAGAATAGAG
267351	TCCAATTCTG	CCTTCTAGGC	ACTGAGTTAA	AGCCCCAGCC	CAGTGAACAA
267401	GGGCTCCTCT	GTTACTGATG	CCAGAATAAA	GATGCCAGTG	GCTCTCTTCT
267451	TTGACCTCCC	ATCTGCTGAC	ATAGTTTTAA	GGAAGCCCTA	GATTCATAAG
267501	CCTGTTCCTAT	AGACTTTTAT	TTAGAGAGAC	AATCCTGGTT	CGACTTAAGA
267551	TTTCTGGACT	TTCTGATGGT	GCAAAATGCA	ATACCTGTTG	AGTAGAGACT
267601	GTTTCATATT	TGAACTCAGC	TCTTTCCCTG	GTCCAGCGAT	ATTGTTCAAA
267651	TGGTCTCTGG	CAGTTTCTGG	CGATGGCAGC	AGCAAGCGCA	GCTCACAGCT
267701	AGCCACAGTC	ACAGGAGGAA	ACTGAGTGAC	CCTCTGTGAG	TAGCAGGTTG
267751	CTGAGCTGGC	ACGTTCCGTG	TGTTAGTGCT	ATTCAGTGCC	TTCTTTGCTG
267801	ACAGTGGCTT	TAAGTTAGGA	TGTATTTATC	AGGATATAGC	TCCAGTAATG



267851	CAGGCCCATATA	TGTAATCAAA	TAAATGTAGC	TTATGGAGTG	ATGAGGCAAA
267901	GT'TTAGTTGT	TAGTAGGCTG	CC'TTGCCTA	CAGCTGTAGT	TATATCGAGG
267951	TGTGGCTGCC	TCTGATCCCA	GATACCTTCC	AGACCCACGG	TGCCTTGCAA
268001	ACCTTACTCT	GGGCTTCTAG	CCCGGGGAGA	GGAGAAGGCT	GACTTAGGGA
268051	AGGAAGAAAA	GTAA'TGGGAT	TCAAAATAAA	AGACAT'TTCC	TTGCTACTTT
268101	TGTTGT'TAAT	CCATGCAGCC	AAGGTTGGAG	TGGT'TTAGAG	GGGC'IGGGTA
268151	GTGCAGCTGG	ACAACCTCCA	GCCTTACAGC	CGGTCCCCCA	GAGGGTGGAG
268201	CACCGTCTTA	CT'TTTTACAG	TACTGTGTGG	CCTGAGGCTA	GT'TTCC'TGAC
268251	ACCTTAGACC	CTCAGATTTT	TTTT'TTTCAC	CCAAGAGGCA	AGCATAAAAT
268301	GACACACACC	GAGGACTGCC	ATAAGATTCA	GCAAAGGAGG	AGGCATGGGA
268351	GCCACCTGGG	GAGT'TTAGCA	GTTTCCTACT	GAGCTAGACA	TAGCTTATAC
268401	TTTGTGACCC	CAAGTGC'TCC	CTACCCTTTA	CTCAAATGCT	AAAAGCATAT
268451	GGCCACACAA	ACACTGACAC	GAGAATGCCT	ATAGTAGC'TT	TAT'TCACAGT
268501	TGCCAGAGACT	TGGAAGCAGC	TGAGACACTT	CAGTAACTGC	GAGGAAGAAA
268551	CCATTGTACG	TCTATA'TTAT	TGTAGACTGT	TTATTTCGGCA	ATAACAGAAA
268601	CGAGC'TGGCA	ATCCATGAAA	GGACA'TGGAG	GATATTGATG	AAAGCACATG
268651	ATTGGT'ACAA	GAAGCCAGCC	TGAAAGGGCT	ACCTGCGGTG	ACCCCCAACT
268701	GATCGACTCT	TGAGCTGACT	CTTCAT'TGCT	GTGACGATAC	CAGAAAGCAG
268751	GGTGAAAGTT	CAGGGAAAGCG	GGT'TCCCTGG	ATCCCAACTT	CCCATGGTTG
268801	GTTGTCACCA	TTGCT'TTGAG	TCTAAGGCAA	GGCTGAAGCA	TTG'TGGTGGG
268851	CGGTGTGAGC	GTGGGGCAGA	GTTTGC'TTAC	TTCATGGTAT	CTAGGAAGGG
268901	ACAGACACAT	CTTATTTTCC	TCCCGTCAGT	GCACTGAGCC	ATGAAGTCAG
268951	AGCTCAGAGA	ACCCAATCAC	TTCCTCCGAA	CTCCCTAT'TT	CTGATCTCTG
269001	CTATGTGAAG	TGAACAGTGA	GATGCTCAAC	ATGTGAGCCC	CCTGGAGGCT
269051	CACCCTTACA	TGCAGACAGA	ACTGTGGCAT	TCTGGGAAAA	GCAAAACAAT
269101	AGAAATAATT	AAAAGGC'TAA	CGT'TTGCCCA	CTGTTCAGGA	AGGGGGATAG
269151	AGGGTGCCTA	GGTGA'AAACC	TGGATATGTA	GAGCAGAGAA	GCCATTCCGT
269201	GTGACACTGT	AATAGATCCA	GGGCACTGTI	TGTGTCCGAA	CCTACATTGC
269251	ACAGCACAGA	GAACATGCCCT	TACATGATC	TGCGGATCTT	AATAACAAG
269301	CCTGCTTTCT	GAAAGAT'TAA	ATAGGCTAAG	CATAGATAGG	ACAGACCTAA
269351	CTCCCTAGCA	CACAGTGGTG	GTGGGACCAT	CTATGAGCAT	AGTTTCTAT'T
269401	TG'TGTTACCA	AAAAATGGCAC	CACTGCACAA	TGAGAGATAA	CCACCCTTTA
269451	CGGCCAGAGA	TGGGCTCAAA	GGGGCGTAAT	GTTCTCTCAC	TGGCCAAGTT
269501	AATGATAATC	TGTGGCCCCAA	ACCAAGGAAA	GCAAAC'TAGC	TTGTGCAGGA
269551	ATTTTGGATT	TGTAGACACT	GTGATTTGTA	GCTGGTGTGA	AGTCTGGGTC
269601	AGCATTGGT	TAGTCACCGT	GCAC'TTGCAA	AAGACTGCAT	CTTGAGTTGA
269651	TC'TTTCCCAG	ATCCAGTACT	GTTATGTAAA	AAACTCACTT	TAATCAAGAA
269701	ACGGGTCCAA	TACAGTATCC	T'TATTTGTCT	GCTTGAAGTT	TCTCCTCTTT
269751	TG'TTTTAGAG	GGCCT'TTGTG	AATGATGCCT	GGT'TTTGTTT	TGTTTTGT'TT
269801	TTTGGTTTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGCGTTT
269851	GTTATTGGTA	TTTTTATTTT	GGCATGCTT	AAATTAAT'TT	GGGAAGAAAA
269901	GATAGGTATT	ATGAATGTGA	ATGAAATGCT	AAATTATGGG	AGAGTTCTAA
269951	AGCCTTAAAA	TGGTACACAG	AAAACCTCGC	CAGCACCTAA	TGGATGGAAA
270001	GGGT'TAAAA	GTTACATAAA	AAGCAACCTA	TTTTATAACT	GCAACCCTTC
270051	TGCGCCAAAG	TTCCCTTCTC	CCTGAAAAGC	TAAGAAACTT	CCCAAAGTGA
270101	CCCCATCAAC	AAAACCTCGC	ATCTGCTGCA	GCAC'TGTGGA	AGGTGTCAAG
270151	AGCCTACAA	AAGTAGACTT	TGAATTTACA	GCACACTTAC	TATATACGTA
270201	AAGTAATGCA	AATGTTACAT	TCTCCACCTT	CTTGC'TTGGT	AGCT'TCTCTT
270251	AGCTCATTTT	AGAAACGGGA	TTATAAGCAA	TCAGAAAGACA	CTGGGCCAGA
270301	CACTTCTCTT	TTCTTCTATG	GTATACACAC	TGTCTGTGTG	TGGATGTGTG
270351	CATGTGTGTA	GCTCAGGGGA	CACCTTAGAA	GTTGGCTCTC	TCCTAACAAAC
270401	ATGGGGGTCC	TAGGTATTGA	ACTCAGATCG	CCTGGCTGGG	TGGCAGGCCG
270451	CTTTACCCAC	TAAGAACCTC	CTTTATACAT	TAGTGCCTGT	ACGTTCTCAC
270501	CCATCCACAT	CGTGCATGCC	TCTGGGAATT	CTAA'TGCCTG	CTTCTCTTTC
270551	TTTTCTTTCT	CTTCTT'TTCT	TTCTTTCTTT	CTTCTTTTCT	TTCTTCTTTT
270601	CTTCTTTTCT	TTCTT'TTCTT	CTTCTTTTCT	CTCTCTCTCT	CTCTCTCTCT
270651	TCC'TTCCCTT	CTTCTCTCTT	TCCCTTCCCT	CCTTCTCTCT	CTCCCTTCCC
270701	TTCCCTTCCC	CTTCCCTTTC	CCCTTCCCTT	TCCCTTCTCC	CCTTCCCCCT
270751	ACCACCATCC	ACCAACGCAC	GCCGCAGCCA	AATACAAGCA	AAACGAAGGA
270801	AGAAACGAAA	CACAAACGAG	GAACCCGAAA	ACAGATGAAA	CTCGGAGGCA
270851	ACACGCCAAC	AATGTGAACG	CCAAGAATCA	CAATACGAAC	TCTACTAAGA
270901	AACAACCTAA	CTCAGCGAAC	AACGATCCAA	CAA'TACGGCA	GAAGCAATCA

270951	ATCCAAGGAA	CCACACA'TAA	AAT'GGAACGT	AACAAAGACG	GATTAATCAA
271001	CAAAAAGACA	CAAAGCGACC	CGAAAGGGTC	T'CAGAACCCG	AACTACTCAA
271051	C'TA'TGAGAAG	ATGACCAAAC	CCACCATAGA	TTTAT'TGCAG	ACCGACAACC
271101	AGGCGACAGA	ACCACATCGG	ATGAT'CAGCC	ATAACAAAAC	ACGGAT'GAGC
271151	TAAGTGCATA	CGGAATACCA	CGGAAACAAT	TCGCAAACGA	CGGCCTTCAG
271201	ATGACGAGGA	AAGCGGAACA	CCAC'TACCGA	ACCTGGCGTC	TATGAGAAAT
271251	TGACGAGCAC	TGGCATCGAT	AAAAGGATCA	GGATACGATC	T'CACCTAGAA
271301	CCGACATCAA	CCAGCCTACC	TTAACGGACC	AACCAATGGC	AAAAAGGGGT
271351	GGAGCGAAAT	C'TAAT'ACGGT	CGCGCAACAC	GCATAAGCGC	AGAGTAAACC
271401	GCGCCACAGT	CCGCACGTGA	ACGCCGACCA	GAGCGCAAAA	TAAATTGATT
271451	CAGCAACTGA	ACGACTATCA	AATACAATAC	AAAACACGTA	TCCGAGACGA
271501	GACCAGCAAC	GAT'CAGATCA	GCGCACAAGA	GCGACTGACA	CCGATACGAC
271551	CAACGCTAGA	CAACGTATGC	GCTCAAACAG	TACGCGACGA	AATAACCAGC
271601	ACCGTGTGAC	GATGTGAGAC	TCCATAGATC	CGGAT'TATGC	ACCGACCTTA
271651	ACGCGCAATA	CACGATGTCC	GAACTACTTG	ACTGGATCAG	ACCTAGGGTA
271701	C'TCACCCACA	CATATCTCAC	ACGAGCACAG	ACAGTACGCA	CATGACACTA
271751	GACGTGCACA	GCTCAGTATA	CATCTAACTG	TGCTGAGCTC	TCGATCTAAC
271801	TATACGCACC	TACTCAGACA	GATCGACGXX	XXXXXXXXXX	XXXXXXXXXCT
271851	TCCCCCTTCC	CCCTTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
271901	TCTCTCTCTT	TCTTGCTTTC	TTCCTTCTTT	GCTTTATTTT	AAT'GTCTGAC
271951	CTCTGTCACT	ATTCTGAGTT	GAGTTTCTTG	GCTCATCCAC	AGTGTGATGC
272001	ATGAAGATCC	CAAATCCAAG	AAACCCTCAG	TGGTCCAAGT	GCCAGCAGAG
272051	AGGCTCCCAT	CCCAAGATGG	CATTGAACTG	GGGTCC'TCGG	ATGTTAAGGA
272101	ATCATTGGCC	TGAGGAGGAT	GTG'PATCTGA	GCAGTGTAGG	GGGACAAGAC
272151	GAGCTTAGAG	TGGCCCAGGC	AAAGTAGAGA	AGGTG'TTAAG	AGTCTGGGAC
272201	AGATGGGTGG	CCAGGCCAGC	CAGAACCTTC	CTTTTCTCCA	GATGCTGTTA
272251	TCCCAGGAGA	GGAGCCTACT	GGAACCAGAG	GAGGT'TGCTC	TCCAACAAAA
272301	CACAAAT'TGA	GGGGTAAGGA	GACAGTGAAG	GGCAAGTGAAG	GGCAGCGGAA
272351	TTGGTTGTCA	TAGCCTGGTG	GCCTGAAGAG	GTTTCTCTGC	GGCTGGGTGA
272401	GTCCATGTTG	GGGCTGTGCC	AGGCATGAAG	TGCAAGCCAG	GCTTCAGTCC
272451	TGGCTGTAGA	CATATTGTTT	TCCCTGTCAT	TTAGACGGGA	TCCAATTTCT
272501	CTGCTTGAGC	AAATTGTTCC	TGCTAAGGAT	GCAGACTCTG	CTAAGGGCCA
272551	AGGCC'TCCGT	GGAGTTGACC	CGACCTCGCA	GTCTGAAGCG	AACAATATTG
272601	GGGGAAGAGT	GATGACTAGA	T'TCTCTGATG	CCCCTGAAAT	ACAGAGGGGT
272651	CAAATGGGTC	CATTGTGACT	GTAATATAAC	TTGTTTGGGA	TAATCTGAGC
272701	ATACT'TCCC'T	GTGTCCTCAG	GACTCCGAGG	ATCCTGATCC	TACAAGACAG
272751	GGATGTGAGG	AGGAACATTA	GACGGGAGGA	GTGTGAAGAA	AGATCTGCTA
272801	GGAAGGAGTG	CATACAGAGG	ATGGGATGAG	GACCAGAAGC	CACCCGCTGA
272851	CAGCAGTGTT	CCCGGGCATC	TGGCAGAGAG	CAGCCTCCCA	GCCCCTGGGG
272901	AAGTGAAGAG	AAGACAGGAG	CAGATACAGA	GGGGAGCCCT	GCTACACAGT
272951	ACCCCCAAAT	GCAGTGGGAC	CCAAAAA'TTG	ATGTGAGAGG	TGGCTGACTT
273001	CTGAACAGCC	TCACAAGGTC	ATAGGGCACA	CCAAATAAGG	CGCCTTCCAG
273051	TTT'TGATGCT	GTGATGTAGA	GACGGCACCG	GCAAAGAGCT	GCAACAAGAA
273101	GGAACAA'TTA	GCCAATTCAT	TACGT'TGACA	TTTCTGGCCA	CAAGGTCAGT
273151	ACTTTACAAA	ATAGGGCCCT	T'TCCCTTAAT	TGGGTTGTG	ACAGATAAAC
273201	GTGTGTTCCC	ATCTGACTCA	CGGTGTCCAT	GTGGCCAGGC	CCTATTATCC
273251	CCACTTGGCC	TGCCCTGTCT	GTGTAAGAGG	GCT'TGTTCTG	TGTACCAC'TC
273301	TTGGCATCTC	TGTAAAGGAT	TCAAACGGAG	TCAAACAGAG	GCCTGC'TTCC
273351	TGTTCTTCAG	CCAGAAGAGA	AGACTCATTC	ACATAACAGC	GGAGAGCCGG
273401	CAAACCTTGC	TGGATCAAGA	GTGGAGGAAA	ATAGAGGGAA	TGGGAGAGGG
273451	GTCATT'TAAA	AACCACAGTT	CACATGAGGA	AAACCT'TAAC	AAGAACTCTG
273501	GATACCAGTT	CAAATGAGGA	GCAGGGATAT	TCAGAATGAA	AGCAGGAGGC
273551	TAAAAGGCTC	CACAGACATC	ACCTGAGATG	CTCGGAGAGG	CAGCAGGAGG
273601	CAGTG'TGTGA	CATTTCAAAG	CACATCTAAG	GGGCCAGGTT	GCCTGGGTTC
273651	CAC'TTCTGGC	TGGT'TCACTT	CAGGCAGTCT	GACCTTGGCG	AGTTCC'TGCC
273701	CAC'TGTGCTT	TAGTTTTT'TG	CTTAGCAGAG	TGACGATACC	T'TGGTGCCTT
273751	CC'TTAGA'TC	TTCTATGAGA	ATTGAGCAGT	GATGGT'TAGC	TGTAAATGCC
273801	AGCCCGGGAC	CC'TAAAA'TCA	CCTGGGAAGA	GAGTCCCAAT	GAGGAATCAT
273851	T'TTGAGCAGG	TCGGCCCCGTG	GGAAATGTCT	ATGACGGGTT	ATCTCAAT'TG
273901	TGCTTATTAA	TGTAGGAAGA	CCCAGCCTGA	TAGCGAGAAG	CACACTTGCC
273951	TGGCTTAGAC	CTACCTAGGC	TGTGTAAGAG	CAGAGAAAGC	TAGCAGAGCA
274001	CCAGACACGC	ATGGCGT'TCT	CTCTCTCCGC	GCT'TGGCTGT	TGATGTGATA

274051	CGATGGATGA	CTCTCTTCAA	GTTCTGACCA	GTAAC TTCCC	TGCAGTGATG
274101	GGT PATCATG	GATGGAGAAC	AAAAGCAAAC	CCTTCCTCTC	GCGCGGTTCT
274151	TTTAGCCGGG	ATATCTTACC	GCACAGCAGA	ATTGAAAGTC	GGAT AAGCAA
274201	GTGAAGCCGA	GACAGAGAGA	TGTC TGGCAA	GGAAAGCAAT	GCCTTCTCTC
274251	CTGTGTATAG	GGAGGTAGAT	GTGGGC TATC	CCAGGCAACC	AAAGAAGAGC
274301	CGCTGCTGAA	AAACCGATCT	CAGCACACAG	CATAACGCC T	TTTGTAATTG
274351	GTTTCCCCGA	AAAGTACTTT	TGAAAAGTAA	CGGGCCAAGA	AAACGGCGGA
274401	ATTAGCTGGA	TTATT TGTAG	CCCAGACCCC	CGTGGGC TCT	GCCTTCTCTAG
274451	CCGTGTGGT T	CACACTTTGA	CTTTTGCATC	CCCTGGGCAT	CTCCCACCTG
274501	ACACATTCAA	ACATACCTCT	CAGTGTCACT	CCTACGTGCC	GCTCCTGCAT
274551	GCAGCCTTCT	CTGGGT TATT	ACCACATGTG	TTTGAGTACA	CATGTGTATG
274601	GTGCATGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
274651	GTGCCACTCT	GCGCATATGA	AAGTCAGGGA	ACAGCTTCAG	TCCTTCTATT
274701	TGGGTGGGA	TTGAACACAG	ATCATCCAAT	TTGCCCAGAT	AGCACTTTTT
274751	TACTTGCTGA	GCCATCCCAT	TGCCCCAGCC	TTCTCCATT T	CAGTTCACAGC
274801	AGTGGGAATA	GCAGTTACCC	AGTTACTCAA	AC TAGAAGCT	GGGCAGCCCC
274851	AGACTCCTCT	TGTC TGGCC	AGCATTTAAC	CCATCAGCCT	ATGTCCATTT
274901	CCTCTCGGTA	TCTTCACACC	CAATCTACT T	TTCTGTATAG	CTCCTGCCCC
274951	CATCTTGGGT	CAACAGTCAA	TTTTCCCCCTG	AAGTGACTTT	CTAACTGTCC
275001	CTCTGGCTCT	ATTCTTGCC T	GACTCAAGGC	CAGAAAGCCT	CAGAAAGGCC
275051	ACGGAGTAGG	AAACCAACAT	CCATCCCTAA	AGAGGTCTCT	AGCCCCGGGT
275101	CCAAGTGCAA	TGCTCTGTGC	AGGCATCCTT	GGGCT T TGCT	GGTTCAGCCG
275151	CATGCACTGG	CATCCCC TTT	CCAGCTTACT	CTCCCAGTTA	CAGACAGAA T
275201	CGTGT T TGCC	ACCTAGAAAC	TGGGGCCATGC	CTCTTGT TCC	AGCTTGACCC
275251	TCATCGCTGG	TCTTCTGAAG	TTTTCTGTGC	CCTTGAGCTC	C AAAGCAGAT
275301	CCCAGCCTCA	TCCTGTCTGC	AGTTCCGTGC	CGTGTCT TTT	CTGGCTCCGT
275351	TCATTATCAA	ATCGACATTA	ATCAGGGCAG	CAGTT T TGCT	TTGAAAACAT
275401	GCTCTGGAGC	AGATCACAGA	ATGTAAGCTC	CCAAAGAAAG	CTCAGAGACA
275451	TGGCTTAGTG	CCGAGGCCAC	AGATTGAACC	CTTGGGC TGC	AGCGAGTCTG
275501	TACACAACAT	TTTGCTTGGC	TTACATAGCA	TACTTAAATG	TGTGTGAGTT
275551	TGTTTTGTTTT	TTTTTTTAA T	TCATTGACAT	TATGTAA AAC	TAAGAGATTT
275601	TAGCCAATGA	TGGAAGTGCA	TGCCCATTAT	CCTGGCACTT	GGGAGGTAGA
275651	GGCAGGAAGA	TGTGATCGTA	ACCAGCTTTG	GTATATAGGA	AGGCCAAGGC
275701	CAGTTATGTG	AAGCTCTATC	TCAAACAAAA	CAAAACAAAT	CAAAACAACC
275751	AAACAAACAA	AACCTTAAGC	ATAACCA AAC	ACACACAAAA	TCCAGAGAGA
275801	TTTTTTTTTTT	CCTAAAGTAC	AAATCTGTGG	CTTTCTTCTC	AAAGATGCAA
275851	TGTGGAGATA	TTGGAAGTCT	CTCGAGGGGC	TACAGTTAGC	TCCTCGCAAG
275901	CAGCAACTGA	CCCTAAGTGA	GACATGTCC T	TACGGGT TCC	CCTCAGTCCA
275951	TGTGGATCCA	CATTTACTACT	AGTTTATACT	CTTTACTACT	CCATTGGAGA
276001	TAT T TPGCACT	TGCAGT TTTT	GGAGCTCGTT	CAACTCTTAC	ATTTTACAGA
276051	CGTGAAAGGT	GAGCCCGGAA	GGTGTCA CGC	CCATCCCTCG	GTCATGTCTC
276101	CTAACTCCTG	AGTCTCTTAT	CTCTGTATTG	AACACAATAT	GCAGCTTGGT
276151	TTGATAGTCT	CCCCACTGCA	CCTGCCAGCT	AACATGCCCT	CCAGTTGTTC
276201	TTGTTTGTAT	TTGTAGCCCC	ATGGAACCTA	GACCC TATGC	TCTGGAAGGT
276251	CAAGATGACA	TTCTAAGAAT	GCACTACCC T	TACTTTGTAG	AAGACTATCG
276301	CCCAAGTACA	CAGGGTGACA	AAACGGGAGG	ATTAAATGGG	ACAGACAAGG
276351	TAAATCTGGA	CTCCAGACTC	CTCCTGTGGT	ACTGGAGGAA	GGTAGGGGAG
276401	AGAGCTTGGT	TGTTCTCATC	CTATTGACAT	GCAC T TGAAT	ATATAGACAG
276451	CTAGGAGTCA	GTGAAAGAAG	GGTGAAGTTT	TGGCATCTGT	ACCAATATTG
276501	TTATCCCTTT	CCCCAGTACA	ATTACTGTGG	ACTGTGCCAT	TGCTAAGCAA
276551	AAGGAAAAC T	TGAAATTTTC	GT TAAATGAAC	AATGGCCCTG	GCCAATCAAA
276601	AGGAGTTGAG	AGACCTGTGT	CGCAGACCC T	AGAATCTTAT	GAAAAC T TCC
276651	TCCTGGGTCC	TTTAGTGAAG	GAGACTACAT	TCACCC T TGA	GGAAGCTAAC
276701	CTCAATGACT	ACGGGACCC T	CCTAGCTACT	GAGTCATTTT	GTGTCCCATG
276751	GAATCATCAC	TATGCCTCTA	AAGTACAGAT	GCA T T GATTA	TTTTCTTGCC
276801	GCTGGGATGA	AACACACTGA	TCAAAAGCAA	CTTTAGAAGG	AACGGGT TAA
276851	TTTTTGTTTG	TAGTTTTCAGA	GGGT TAGAGC	CCATCATGCC	AGGTTATACA
276901	ACAGAAACAG	GAAGCCAGAA	AGTCACAGGC	GTACACATAC	ACAGGAAGTA
276951	GAGAGTGACT	TAAGTGGGGT	ATACCC T CAG	GGCCCTCCCC	CAGTGACCCA
277001	CTTCCCTTGG	CAAGGTTCCA	CCTCCTAAAT	GCTCTATAAC	CTCCCCCAAA
277051	CAGTGTCAAC	GACTGGTGAC	CAACCGTTAA	CCCATGTGCC	TATGTGAGAT
277101	ATCTCTCTCA	GTGAAGCCAC	CATACAAGCT	TACCCCATGT	CATGAT T GAC

277151	TCTAGACTTT	ATCTGCCCTG	GCAACCATAA	GCTTCTGTAT	AAGCTGCAGG
277201	GAGGCGGGAC	A'CTGTGAGG	AAGAAAGGCA	TGAT'AGGACA	GCTTACAAAA
277251	GAAAAACAAT	GGGTGGATGG	AT'ACATGACA	GGCATT'CGCC	CTCTGGGGTC
277301	TGTTTTATTA	GACCGT'TCTC	CTCTTCCTTG	ACCAT'TGGAA	ACCTGAAATG
277351	CCTGGTGATG	CTAAATGGCA	CCTCC'IT'TCT	TGGTATTTAA	GGG'TATCCAA
277401	GACCTCCTGA	GTCATAGTCT	CTCTAGCGAT	TAAGTAAATG	TGAC'TAGACT
277451	ATGTATCAAC	GAGAGAATTG	TGGGATCAGG	GACCAAGCTA	GGTGAGTGGG
277501	CAAAGCACTT	CCCAT'TGCAG	CCATGAGCAC	CTGAGCGTCA	CGCCTAGAAC
277551	CCAGAT'TAAA	GAGCTGGCTG	TGATGGTGTG	TGCTCATAGT	CAGTCC'TAC
277601	ACAGGGCGGG	TGCAGGCAGG	CAGAT'TCCTA	GGGCTTACCG	GCT'ACCCAGC
277651	CTTACCTAAT	TGGTGAATCC	CAGGCTAATG	AGAGACCC'TG	TCTCAAAACC
277701	AAGCTGGACA	GGACCTGAGG	AACAATGCAT	GAAGTTG'TCC	TGT'GGCCTGC
277751	ATAAACTCAT	GCATGTACAC	ACACATGCAC	TTGTGTGCAC	ACATATACAT
277801	CCGCGCACTC	AT'GCATGCAT	GCATACACAC	ACT'TGCATGC	ACACACA'TAC
277851	AGGCACACAA	GCAT'ATGGGA	CAAGGAAGGA	GAGGGGAGCA	AGAGAGAGGA
277901	GAGAAATATG	TTGTTCAGGA	GCAGGCATGG	ATGTAGAATC	AAATCCCTCTT
277951	TCAAACCTTGT	GAGTCAT'TGC	TCAGAAATGA	CAGTCCGATT	TATGATGCAG
278001	GGATGTCATC	T'CCTGCTGAC	AGTCAACTAA	TGAGGG'TGGT	GATTTATGCT
278051	ACGAAAGGGA	CTTGTATGAC	TAGGCTCACA	TTGT'TGCTAT	GAAT'T'CT'GG
278101	GATCCTGGGG	ACCTTTATCT	GTTT'TCCACT	TAAAAAGGA	TACCAAAAAA
278151	GTAT'GCAGTC	AGCCAGTAAC	TCATGCCATC	CTCTCGCACT	CCTTACCCAC
278201	AGACAGACAA	TAATAACTTT	TTTAATTGCT	TCTGCTAATG	CATTTAAATTG
278251	CT'TGGATCAG	TGGAGATACA	AACCACTTTT	T'TTCT'TCTT	CTTC'TTCAAA
278301	GAATTATCTG	CCACTGAATT	ATT'TCAGCCA	AAGAGTGTTG	GCTCCTATTA
278351	ATCCC'TCTGC	AGCTCAGGCT	TTGTTTGT'T	GTTTGGAGTG	TGAATCCATT
278401	GCTGCTCTGG	GCTCTCCCTA	T'CCTTTTAGA	AATGAGGGCT	CTTCCCT'TGT
278451	AAGGCTATGG	CTCATGCAGA	AGTGGCCATA	ATGACTGAGC	CAAGAGTAGA
278501	GGAAGACTCC	AAGGGGCTCA	TGGAGGTGGG	GTGGGCAGTA	GGGAGTAGTT
278551	GGAGGT'CGGA	GAAGAAGAGC	TTTCAGAATA	GACTCACTCC	AGAGAGTCAC
278601	GTTGGAAAAA	GGCAGCAGCA	GGCTCGGGGC	CGTTGTCAAG	CACCGCACTG
278651	GAGCGCCAC	AGTCAGAGCA	GCTTGAGAAC	GACTGTAGTC	ACAGCAAAAC
278701	TGTGGAGGAC	ACTGTGACCC	AAGCTGACAC	AGTCATGAAA	TAGGTGGCAT
278751	T'TCCCCACT	GAGTGGAAAG	T'TGCTTTTCA	CCGTGTTCCA	AAACACTGGC
278801	TCAATTGTGT	GCGTGC'TTGG	TTGTGT'TTGT	GATACTCGGC	ATCGCTGT'TT
278851	CCTGGAAACC	CTCCCTGGAG	TCCATGGCCA	TATTCACTCT	CGTCCCCCAG
278901	CCCCAGCCC	TTCCTCCCCC	CACGCTCACC	CCCCTTCAC	CTCTGGGCTG
278951	CAGTCAGGAC	ACGCCCCTTT	CTCAT'GCTTC	CAGCGATTGA	TTGTGCAGAA
279001	CATGAAACCA	AAAGCAGATG	GGACAAATGT	AGATCGGCTG	TTGTTCTCCA
279051	TCTCTGTAA	TTCCTAAGTC	TGATAGCGTG	TTAATCTCCT	AACCATACAA
279101	GCTGCTTCTG	TGCTCCTTGG	GACGTCTACA	CAGAAATATT	GCCAGGAAAC
279151	ACACTAAAAG	AATATGACGG	GATTTTCCAT	TTTGT'TTCTC	CCT'TCTCCTC
279201	CTCTTCATCC	T'CCTCCTCCT	CTTCTTTT	ACCTTCTTCA	AGTACCATGC
279251	TGTTGGAGCA	GGAAA'TTAA	TGCACACTT	TGAAGTTTGT	ACTTTTCAGA
279301	G'TTTCTGTTA	ACTGATCTCT	GTGGATCTGA	CCATGCTTCC	CAACTCACAG
279351	TGGGGTTACA	TCTTGCCAAA	GCCAATCTAA	CGTGAAAATA	TCCTAGGTCA
279401	CAAATGCATT	TCAATGTACC	TACCCTATTG	AGCACTGTAG	CTCAGAAGCA
279451	CAATAAGAGG	GTTGGGTATC	TCTGGGGTTG	GGTAGTATGG	CCGGTAGCTA
279501	GCTGGCCAGG	AGCTGCAGCC	TACAGCCGCT	GCCCAGCCTC	TCAAGAGAAA
279551	AACATACGAC	AGATACCAAG	AAAAGGTCCA	AACCC'TAAAT	CTGAAATATA
279601	CTTTCTACTG	AATAGATCTC	ATTCTGCTTC	ATTATCAGGT	GAGGGAACCT
279651	CAGAAGCCAG	GGGCCATCGG	TGTGACATCA	ACACCGAAGG	ATGATGGTTT
279701	GGATGATGTA	ATAGCTAAAT	CCAAGATCCA	GCCCC'TGGCG	AATGGTCTTC
279751	CTAAAAGCAG	TCACTCTAGA	AGTAGAGTAT	TTGTTTACCA	AACAGAGGTT
279801	GTGTTGGCTG	GGTCCACATC	TTATGCAGAC	GGGGAATGCC	ACTGACCGGT
279851	AGAGGATAGA	AGATGCTATG	GAACGAGTGG	AGCATGCTGG	GAAGAGGGTA
279901	TGGAGCATTA	TAGTGTCTCT	TTAGACCCAC	TCCTCTCTTG	GTCAAGTCAT
279951	GGTCACATTG	CCTCTCCAAA	CAGATATTAC	CAGGCATGCC	TTCACAAGGG
280001	GCTTATCCTA	AATCAATCCT	GAAAAAATAA	AATTCAGGTT	TCTGTTGTCA
280051	TCTGTGAAAG	TGTAGCTACC	CCTGCCCAGT	CTCACAGGAC	CTATAGAATC
280101	CTGT'T'CTCT	GGAGGAATCT	ATAGCTGCAT	GAATTAAGGA	AGTATATAAG
280151	GATCATCTTG	TCCCTCCAGG	TCACATAATG	TTCTGCCCAG	AGGATTCAGG
280201	T'TGATGGCTC	AGTGGGAGTG	TCCGAGAAGC	TTCACAATTA	GAGAATTGCA

280251	GTCAGACTAG	TCTGAAATGA	CTTCCTGGTC	ATATTCTCAT	TCTCTCACTC
280301	TCTCTCACTC	TCCCTCCCTC	TCCCTCCCTC	CCCCCTCTCC	CTCTCCCCCT
280351	CTXXXXXXXX	XXXXXXXXXX	XXCCCTCCCT	CCCCCTCCCT	CTCTCTCCCT
280401	CTCTCTCCCC	TTCCTCTCTC	CTCTCTCTCT	TGGGATTTGT	TGACTACATT
280451	CACCTCATCA	GCATCTTAGC	AGGCTATCTG	AAAGAACCCA	GACCTTCAGC
280501	CAGACAGAAC	TGGATTTAAA	TGAGTCTCAG	TCCTCAGACAC	TTACTAGTTA
280551	GTGTTTGGGA	CATGTCATTC	AGTGTCCCTT	AATACTACAA	CTCTCTTTT
280601	TTGAGTCGAT	GCTACCCATC	TTGTGGTAGT	GACTCGGAAG	GCACAAGTAT
280651	TTCCTTGCTC	CCTCCAATCC	TTGTTTTCAA	ATGATACAAA	CAGAGAACAC
280701	GCCTTGTGTCA	GACCTCTCTG	GAACCCGAAG	GCACTGTACT	AGGAAATGTT
280751	CCTAAGCCTG	GAGCACAGCA	CTTGCTTTAT	TAGTCATACA	GGCATGAAGG
280801	AAATTACTTC	ATCTTGCTTT	CCTTCCGTTA	TCTACCCAGT	AGCTAGGAGG
280851	GACATGTGGG	GCTGGCTAGC	CTAGGATAAG	AGGAGACAGT	GCTGGGCCAT
280901	AAGGACCTGT	TTCACACAGC	TCTTTCTCAA	CCCCATCCTG	GGAGCAGAAA
280951	AGGCCACAGT	ACCAGACAGA	ATGACCAGTG	CTAGGATGCC	AGGGATCCCA
281001	ACCACAGAGG	AGGAGGAGGA	AGAGGAGGAA	AGGAGGAGGA	GAAGAAGAGG
281051	AGGAGGAGGA	AGCGGTGGCT	TATCAGTACC	GAGTTGGGCA	TATCAGTACT
281101	AAGTTCCCTC	TGCTTTCTCC	TGCCCGCCTC	CTTCATGGTC	TTGTTTGTTT
281151	GTCTTGTGTG	TTGTTTCCAA	TTAATAAGAG	CCTGGGCTGT	TGGGAATGAG
281201	TAAGCATGCC	AAGCAGCCTT	GGAACCTGAC	AAGAAGTTAC	AGAACTCTCC
281251	TTTCATCTTA	TTTCTGCCTG	CAAGATGCCC	AGGTAAAGG	CACAACCTTC
281301	ATCAGCAGGA	CCTGTTGTAC	TTAGAGGCTT	GCAGGACACC	TGCTTCCCAT
281351	GAAGCGTTTC	AGCTACATAC	TTTGTACCCA	AGGACCACCT	TGCTTCCCG
281401	TCTTAATTC	AGAGTCGTCT	TCCTTACGCC	AAGGATGAGG	CAACAGTCAA
281451	TTTGGTGGAA	AGATCTCTGT	AATAGGAAAC	GAATAAAACT	ATCAATGCTA
281501	AATAAAATAG	ACCACGTGTA	AACTTGGGTT	AGATCCCACA	GGGAAGCGTA
281551	TGTGTGATTA	ACTGCGTTAT	GTAACAAGAC	CGCCTTTAAT	AGCTGGCATG
281601	CTTCTTTTGT	TTGTTCTAAG	GGAAAAGTGG	CCAAGGCTGA	AGCCAGAGCA
281651	CATGATATTA	TTTGAAAGTG	CTGCAGCCTC	TGGAAATGCT	CCTCCGAGGG
281701	GTATCCAGAA	TCAGGGTTCT	CAGCTGATTT	ATGGTTGTTC	TAAAGGTTTA
281751	ATACCTTTTA	TATTTTCACA	ACTATACCCCT	TTGCTTCCAG	AAGCCTCTGG
281801	CTATGTTTCT	GCTGCTTTGA	ATCCCATACC	TTATTTACCC	ATTCAAGAGG
281851	GATATTTTAG	AACTGTGCAA	AAACGAAGGT	TCTATAGTAT	TTGATTTTGA
281901	GCAATCCCAT	GGATGAAAGG	GTTGAGACTG	TACGGCAGGG	CACACAGCCT
281951	TTACCCAGCC	ACTTGCGAGA	ACCCAGCAGA	GGTGGTCACT	GGACAGAATA
282001	CTTTTAATGT	GTCAGCCCCCT	TCTATCGGCC	ACAGTGCTGG	CTCTCGAGCT
282051	CCTCAGCCCT	CACAGCTCTC	TCTGTTAGGT	GTGGCTGGCA	GGGAAGGCCA
282101	AGATTAAGCC	AGGGCAGATT	CCAGCCCAT	CAAATCAGAA	ACAGAAGGGC
282151	ATTGGAAGTT	GTGCTAGCAC	AATCTACAAA	ATCAGCTGGA	TGGGAATTAC
282201	ACTCAGCAAT	GAAGACTGTG	ATGGAGCCAG	GGTGGAGCAT	CATGGGAGAG
282251	TCTGGGAAAG	AGGCTCCAAC	ACAATACAGG	GTTGGGGACA	AGGCGGAAGC
282301	GATAAGTGTC	TGAACGCTTT	CAAGGAAACA	AGGCCAGCTT	CTTTGAAGAG
282351	GACTTGGCAC	GAAACACACC	ATGTAAAGTT	TGATACGCGA	TGCTGGAGAC
282401	GGTGCACATA	CCTATAACTC	ATGCAAGAG	GAGCCAGAGT	TCAGAGTTGG
282451	CCTCAGCTAC	AAAGCAGGGC	CGAGGTCAGC	TGAGACTCTA	TGAGGCCCTG
282501	TCCTCGAAACA	CGAGAGTGGA	TTGGCAGGCT	TTGCCACACA	CGTACACCAT
282551	CTCCACAGTC	AGGATAATGA	TAGAGCTACC	ATCTTGAAAC	TTTTCTCATG
282601	GCCCTTTATA	ATTCCTTCCC	ATTTCCCTGG	GCCCGGGAAC	ACATGGGTTT
282651	GCTCTCTGTT	GTCATTGGTG	ATTTTCATTT	CCGTCATTCA	CCTAAATGCG
282701	TTCTGTACTT	CCCCCTCCTC	CCTCCTCCTT	TCTGGCTTCT	TTTATTACAG
282751	GTAATTATTG	TGAGACTCAT	TCAGGTTGAA	GTATGTATAG	TATTTTCTAT
282801	ATTTGACTAG	ACAGCAATAT	TCCACCGTAC	CGATATCCCA	CACGCTGTTT
282851	ACCCGCTTGC	ACGTTGAGAG	AATCGTAAAT	TATGTTGTGG	CAGTTATGGA
282901	TGGAGCTGCC	GAGAAGCACC	CGCATGCATG	TGACTGCCTG	AGCAAAGATG
282951	ACTTTTCTCT	GTGGTAAATG	CTTAGAAGTG	CAGTTGGAGG	AACAAAGGCC
283001	TGGCATATAT	TTAACTTGTT	AAAGAAACCC	GTCAGGCTGT	CTTTAGAGTA
283051	ACTTTCCCAT	TTGATGATCC	CCCAGCAGCG	GGCAAGAGTT	GACCACTCC
283101	ACGACCCTGC	CAACTTGCTA	TTAGTTCCTC	TTTAATTTCA	ACTTTTTTCC
283151	CATTGTACTG	TGAACACAAC	GCGCAACCTA	CACAATATGT	CATCATTAAC
283201	TAGACACAGT	GCAGTCTGAC	AGGTGTGAAG	GACCTATTCA	TCTTATATAG
283251	CTGAGATTGT	TCCTGACAAA	GGCAGCCCAT	TTCCCGTGCC	CTGCTCCAGG
283301	CAAGCACGAT	TCCAGCTCTG	TGGATGTGAC	AGTATTGGAT	CCTCACAGAA

283351	GCAGTGTTTT	CCCTTCTGTG	CCTGGCAGCC	ATATTCATCT	GAGTTGAGTG
283401	GTACTCAACT	GTGGTPTTAA	TTTGCATTCC	CCTAATAACT	GATGCGCAGT
283451	GCCTTTTTAT	GTATCTGTTC	ACCATGCCTG	TATCATCTTC	ACTGTCCACA
283501	TTTCTGGCCA	TTTTATTTAA	ATGGGCTTGC	TTTACACCTT	ATACTGAGGA
283551	CAAACAACCT	AGATGACTTA	AGTTGGATCT	GTCCTGAAAG	TGCTGTGCTT
283601	CCATGGTTTC	AGAAAACACT	ATGCAAGCTG	TCAAGGAAGG	GGAACAACCTG
283651	AGCAGCCCTG	TCTAGCTCCA	ACACCATTCA	ACCCTATAG	TGACCAACAT
283701	GGCGAGTCAT	GCATAGAAGG	TGCAATTAATG	GCACTCACAT	GCCAGTGGAA
283751	ACCAACAACCT	CTAATTGGAC	TTCAAGGCCA	CTCAGCAAGA	GAGCGATTAC
283801	GGCTGGCATT	GGAAACATAC	CCAAATTTCTC	GGAGATGGTA	AAGGTCTTGG
283851	ACCTCAGAAA	GGAATCTACT	ACTGCCACCT	TGCTTACCAG	AA'ACTTTATC
283901	CACCGTACTC	TAAATCTTAT	CCTTTTACCC	ACAGATAAGA	GTAGCTTCCA
283951	TCCCTCACCA	GAGATGCTTG	TCTTTACAGC	AAATGGAGGC	CGTCAGAGAA
284001	ACATACAGCT	GGAGACAACA	TAGGATATGG	AGAGCTCAGC	CCCAGCAGAT
284051	GCATCTGTGC	CTCAGGGAAC	TTCAAGGAAG	GGGAGGTAGA	AAGACTGTAA
284101	GAGCTGGAAT	GCCAGGAAAT	CCTCTGTGAA	GCAGTCTCTC	CTAGAGAAAG
284151	CTGCACAAAC	AAGACTGGAC	CAATGGTGCT	ATCATTAGAC	ATGAAATTCG
284201	GGAGAGGGAG	TGTGGCAGGA	TTTTCCCTGT	CCAATTACAT	TAAAAATATTA
284251	GTGCAGCAGG	AGGCCTGTGA	TTGGACAGGG	AAAAGGGAGG	TGGAGCGAAG
284301	AGTTGCAGGG	ACAGAGAGCG	ACTCAGAGGA	GGGAGGAGGA	GAAGTCAAGA
284351	TGGAGGCAGA	TGGACAGGAA	GAGATCCTG	ATCCCATGTG	GTTTTAAATA
284401	GCCACAGGTA	GTTATGATAT	CATACAGGAT	TGACTAAITG	GGATAGTTTG
284451	TCTAATCTAG	GTGGCCAGCT	TTTATCATTA	TCAGTTGGTT	CTGAAATTAT
284501	TGTATTGGCA	TCTTGTGAAT	TGAGAATGTC	TGACTTGTTA	ATTATAAGCT
284551	TCTAGAGTTT	TCTTCTACT	GGGTGTCTAG	GTGTTGTGGC	GGCTGACTGT
284601	GGGGCAGATG	GTCATTGTGT	GGGGCTGGCT	TGGCAGCGAA	GGGAAGTTGG
284651	GTGCTCTGGC	CCCACCAGAG	AGTTGGTGGG	CAGAGAGTAG	CTGAATGAAG
284701	CGCGGGAAACA	TGGCGGTTCT	ACTTTTAAATA	TTTCCCCACA	ACAGGGAGAA
284751	TTTCACAGGA	TCCCACCCCT	AGACAAAGAA	TTCCAGCAAC	TAATGAGTCC
284801	TGTGAGAGGG	GAGAGGGGAG	TTAGCTTCTC	CCAGGGATGA	GCCCTCTTCT
284851	TGTTATCCAG	TGCCCAGTGG	TCAGCCCTGA	AACCATATAC	AAGCAAGCAT
284901	CATAACATAA	CATAACATAA	CATAACATAA	CATAACATAG	TGTAACACAT
284951	ACAAAAACAA	AACTAGTCTG	AGCAGAATAA	ATATGTATAC	ATATATGTAC
285001	TTATAATCTG	TGCAAGCATA	TATACACACA	TGTAACAACCT	ATAATTAAG
285051	AAAAAGAGGC	AATTAATGAG	CATGAGATGT	GAGAAGAGTT	CAAGGGAAGG
285101	TAAGTGTGGC	TCTCTGGTTC	TTACCTCTC	CCTTGCATGT	TTCAGAATTG
285151	GCTTTTGTCA	GCTTCTGTCT	CTAAGATGTG	TTGAGGTTTT	GATTAGAAGC
285201	AATTTGGGTTT	TCACGAAGAT	ATGTCAGTGG	TAAGGAAACA	CATTTTTATC
285251	TCAACAACCTG	GCCCTTGAGG	CTGGCCTAAC	GTTTGACCCA	CAAGGAGGAA
285301	ATGATGTACT	TCTATTTCAA	TTTTAAAAAT	TAAAAAAAATA	AAAAAAGCTT
285351	GGTGGTCCTG	GCACATGCTT	TTAATCCAG	CATGTGGGAG	GCAGAGGCAG
285401	GTAGATCTCT	GAATTGAAGT	CCATCCCTGGT	CTACAGAGTG	AGTTCTAGGA
285451	CAGCCAGGGC	AACACAGAGA	AACCCTGTTT	AAAAAAAATA	ATAAAATTA
285501	TAATAAAATA	ATAATAAAGA	GATAAGGTAG	ACAAATAAAA	ATGGGGTTGT
285551	TTTTCTATTA	AGCTCTAAGA	ATTACATGTT	GCATGCAAGT	CCTTTGTAAG
285601	ATGTATATAT	AGAAAGAGAT	TATAATACTT	GTTCCCAGTC	TGTGGCTTGC
285651	CTTATCTGGT	GATTGGGATA	GGTCTGGCC	CTGTGTGCTA	CTGAGCATTC
285701	TATTGCTGAG	CTGCATCTGG	AGTTTCTGCT	GTGTCTTATT	TTTCAAAGCA
285751	CAGAACTCTA	AACATAGACT	AATGTTTAGT	TTACCAGATT	CTTTTCATGTA
285801	CAGTGCCTTG	ATATTGTTTC	TGTGCAGTCT	CCTCATCTTA	GTTACTGTTC
285851	TGTTGCTATA	ATAGAACACT	GTGACCAAGG	CAC'TTGAAA	GGAAAGCATT
285901	CAGTTAGGGG	CCCGTGGTTT	CAGAAGGTGA	ATCCATGACA	GTCATGGTGC
285951	GGAGTATGGT	GTCAGGCTGA	CAGGCAGGTG	CTGGGTCAGT	AACTGGGAGT
286001	TACTGGGTTT	CAGCCACAA	GTGTGAGTGG	ATGAGGGGAG	GAAGGAGAGG
286051	GAGCCAGAGA	GTGCAGGAGA	GTGCTAGTGA	GGGATGGAAG	AGTAGTCAGA
286101	GCTTPTGGAC	TCTCAAAGCT	GATTCTCAAT	GACACACCGT	CTCCAACAAG
286151	GTCACACCTC	CTTCCCAAAT	CCTTCCCAA	CAC'TTCCACT	GATTGGGACC
286201	AAATGTTTCAG	AGCCTGGGGG	GCCATTCTCA	CCCAAACCAC	CACACTGTCT
286251	GAGCTGAGTT	TACTGAAATG	TTTTGTCTAG	CTTTTCTCTT	AGTAAGTTGG
286301	AGTTCTCACC	TGTGTGTGTA	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
286351	TGTGTGTGTG	TGTGAATATG	GACAACCAGT	TATTTCTGCA	TCATTTGTTG
286401	AAAACCCCA	TCCTTTCAC	GACTTTAGTT	TGTACTTTTG	CATGGATCTG

286451	TTTCTGGGCT	TCAGTTTATC	CTGCTGATAF	TGTCFATCTT	TTTAATACTA
286501	TCTGCTTCTT	AATTTTCATAG	CTTTAGTATA	AAGACTTGAA	ACTAGGTAGA
286551	GAAATTTGTC	CAACTTTGTI	CTTTTTCAAA	ATAATTTTGT	GCTCTCTGGT
286601	TCFPCACCTC	TCCCTTGTAT	GTCTCAGAAT	TGGCTTTTAT	CAGCTTCTCT
286651	AAGATGTGTT	GAGGTTTGA	TFGGGAGCAA	TTGGGTTFTC	AGGAAGATAT
286701	GTCCATGGTA	AGGCAACACA	TTTTTATITC	AACAACCTGGC	CCTTGAGGCT
286751	GGCCTAACAT	TTGAAACATT	TCCCACAGTG	TTGCTCCCAA	CTTCACTGGA
286801	AACCCATGTA	TGCAGAAFGA	TATFATTTGT	GGCCAATGAG	AATAAGGTCT
286851	CATFCTAGAC	CTTATTTCCCT	ATATGTCACC	CTTTTCCCCT	GTCATCCCAG
286901	AGACAAAGTA	AAAACAATTC	AAGCCTCTCT	CGATAGGACA	AGACCATGAT
286951	GTGTATGTCA	GCGCCCCCTT	GGGTGAGAAT	GGGCCTTFGG	AGTTATAATG
287001	TATAGTACAG	CTGGGTATTG	AACAGAGTGC	TACATAGGCA	GTGGACAGCT
287051	GAGCCTTTGA	AGTTATAATG	TATAGTAGAG	CTGGGTATFG	AACAGAGCTC
287101	TFGTGCGTAC	TATCTAGACA	CTGGACAGCT	GAGTCCAGAG	CATCTGTGAG
287151	TTGTFCTCTC	CCTGGGTGAT	GATGCAATCCC	AGAAGCTAAG	CTTTTACATG
287201	TATGTTCCCC	ATAGGCTGGG	GGGAGAGGGC	GACCAGCATG	CAGATGATGT
287251	CACGGAGCTG	ACAGGCAAAG	CCTGTCATGA	ATGGGATTTT	ATGAAACTTC
287301	ATCCCAGGTF	CTAAGCTTAG	TTGAACTACA	CAGGCCAAAC	TGAACGCATG
287351	TAGCCGGATT	CCATCCATTG	CCTCCTGAAG	GGACGCCTCT	GGTGGATGGG
287401	TCCTTFITATA	CCCCTGCAAG	GGCAGCTCTC	TCATCAGACA	CCCTAAAGGA
287451	TFITATTTTGA	CAA'GGCTTA	TTGAGCACTA	AACATATGCC	AGGAAGCATT
287501	TGGGGAAGGA	GGCCCTTCCT	CTCCTGGGCC	CTAGGGCTCC	TGCTCCCAATG
287551	GGTTTCAGGT	TTGGCATAGG	AAAGCATCTC	AATTGTCCTT	CCTTCCCTTT
287601	CTCTCCCAAA	TCTGTCCCCCT	GGACAAGGAT	CTGGCTAATA	TGC'TTTGAAG
287651	AGTCCCAAGG	GGCTCTCTCT	AGGAGGTGGA	GTCAGTTAAT	AACATAATGAG
287701	AATACGAACC	TACCCCTGGA	ATATATGCTA	GGCAAACCTC	TGCATGCAGT
287751	TACTAGGAGA	TGAAGTCATT	TTGTGGTTAC	TAAGCCATGA	TTAAAATGAA
287801	GCAGGGTGAC	ATGTCGGGAA	GGTGGTTCCCT	TTGTTATGTC	AAACTTTTCT
287851	TTCAGTCTCT	CACATGTATG	CTTCTCATAC	ATCCGTATCT	TTCAAAAAGAA
287901	ACATAGAAAT	ATAGAAAAAG	GTCAAGAGAA	AAATCGCACC	TAATGCTCAT
287951	GGCTGTAAAG	GGAAATTAGCA	ACACTAATCA	GGGTTGAGCC	TGCATTATTT
288001	CTGAAGTCCT	GCAGAATGGG	CATTAGGATT	GTGACCTAGG	CCGCTTTCTG
288051	CAGCCATCAT	AGGCCTCCTA	GGACAGACAA	CAGCACACAG	CCACCTGGCC
288101	AGCTGAGCTG	TGTCATCAGC	TAATGACTGG	CGTAAGCAAA	TGACTTTATF
288151	TCTCTTGTTF	CGGCTTCACG	GAGATACCTG	AGTTAGGCTC	AACAGTGGTG
288201	CTCAAGCCTC	CAAAGCCTGA	GACAGCCCCCT	AAATGATGTC	CATCCTCAGC
288251	CCGATTTGCC	TCACGTTCTG	TCCGGCAGCCT	CAAACAGGCT	TGTACGATGG
288301	GCCCCCTGTGA	GAATTTGCTG	GATTTATGTG	TGC'TGTCATF	GCATTTTACG
288351	TGAAGCGAGG	CCTATATCCA	CTACTGAGAA	AAATAACTCT	TATAAGTCAC
288401	TTTCCCTCACA	AAATTTGAGAT	ATGGAGAAGC	CTAGAGAAGG	GCAAGCTTGT
288451	CAAGACCAGC	AGAACAGCAC	AGCCAGGCAG	AACTTTCCAG	TCTGCTTGGC
288501	CCTGCCTCGA	GGCATAGTCT	GCACCTTATC	AGGGAGACTG	GAGGACTGCC
288551	ACTCCTGAAT	CCATGGCAAC	TGCCCCAGAA	GTAGTTTAAA	AAAAAAAATA
288601	AACATAACTG	AAAATATATC	GGTAGGAGCT	GCTAACGACC	AGACACTGTG
288651	CAGGGAATGA	GCTGTGAACA	AGAGGGACAT	GGCCCTGTFA	GCC'TTTTAAC
288701	TAAGTGCAGC	ATATGCCACA	CACCTCTGCC	CAGGGTGACG	TGTGTCCTGG
288751	CACCTCGGCT	TTGCTCGCCT	TCTGTCCGTC	CGTATAATGG	GCAGGTGTCA
288801	TCCGTTTGGC	TAACATGGAAT	GCTCTGAGAC	TTTGGCCTTC	CTGGCGCCTG
288851	ATTCCAAACA	CAGGTGTTAA	TGGAGCTGAG	ATTGCTCTCA	AGTGTGTTTT
288901	TGGTTFTTTGT	TTTGTTFTTA	ATTTTGTTF	CGTTTCCAGG	CTAGAGTCCT
288951	GTTGCATTTG	CAGTCAGTTA	AAACATATAA	ATCTGTAGAC	CAGGCTGGCC
289001	TGCAACTCAG	AAATCCACCT	GCCTCTGCCT	CCCGAGTCT	GGGATTAAG
289051	GAGTGCGCCA	CCATGCCCGG	CTAGGGCTAC	ACAGAGAAAC	CCTGTCTCGA
289101	AAAACCAAAA	AAAAAAAAAA	ATATATATAT	ATATATCTGA	ATGCAGATGG
289151	TGCACATGCA	TGCATACAGG	TCCAAACCCC	ACACATAAAG	TGTGTCTTAA
289201	ACACAAAACA	GACAAAACAA	CAAACAAAAC	CACCAAACCT	TTCTTTTAT
289251	TGGTCTTCAC	TTGAGCCATG	TTGAAAATAT	TCAGTACCTC	CATGCTTTTT
289301	TTTGTGTTTG	TTTGTGTTT	TGTTTAGACA	AAATCTCAGG	ATAGTCTATT
289351	ACAFTTATCC	CAAAGCAAGG	TAAACCTTTC	TATTACCAT	TCATCCATCT
289401	TTGCAGTTCA	CTTGATTGCC	AATCACAATA	TCAGCATCCC	TTCTAGCTTT
289451	GAGAGGGTAA	CAGGTTAAGA	AGCCTACCTT	AAGAGATGGG	GTAGGGAATF
289501	GCCTATGACC	CAGCATCCAG	GAGGCTGAGA	CAGGGAGATC	TTGAAGAAFG



289551	GCCTGTGTTA	TGTAAGGCCC	TGTCTCAGAA	AGAACAAAAG	GGTGGGGCAC
289601	TGTCTTCTTC	CTCTCTCTCG	GGCTTTTGCTG	GT'ACAAGAAC	TGAGTGT'TT'
289651	GCTCTTAGGA	TTGCTGTTCG	ATCCCAGTGG	GGAAGGAGCT	GGCGATTTTGC
289701	CTGGCCTTCA	AACCCTGCCT	ACTACAGTCT	TACTGCCAAG	TCACGCAGCC
289751	CAGCTGAGCT	CCATCAGAGA	AATGGGCACT	GATGCCCTGAA	GT'TAACACTG
289801	TTCTCAGCAT	CGCTCATGGT	CCTGCCCTTC	TTTTAGGAAT	CTGCACACTA
289851	ATAGGGAAAG	CATCAATCCA	CTGGAGTTGC	TCCA'TAATTT	ATAGTGTATGT
289901	TGTGGTTTCT	CAAACCACCT	CTGTAATTGC	CATTTGCCCG	AAAA'TCAGCA
289951	GCAGAGATCT	TATCCAGGGC	TATGGGGCCT	GCTTGT'TTTC	T'TTAGCCTGG
290001	ATATCATCAG	TCTACATGTT	TATATATTTT	ATTCAGAAGA	TTAAAGTATG
290051	GCTTAAAGGA	ATATTTTAAAC	ATTTT'TTTTAA	TTTAGAGAGT	AGTCACTTAT
290101	GTGAAATAAT	GTAATTTCTC	TATTTT'GAAA	AAGAGAAAAA	CACAGATCTG
290151	TATGTCCAGA	TGATGTAAC	TCCACATAAG	GAATCCTTAA	TG'TCTTCTGC
290201	AGGTCTCCCG	GGGGGTCTCA	TGAATGGT'G	AGGTGACCCA	TTGCCTGAAG
290251	GCCAGCCAGC	AGTGGGAGCG	CTAGCATTAA	AACTGTCTGT	TGGTCACAGT
290301	CTGCCCTCCA	GGGAAACAGC	AGGTGCTTTG	GAGCTTAGTC	TCTCAACAAC
290351	TGCACCATGT	CTTTAAGTTT	CAGATGTGGT	TTTAAAGGAC	ATGGGTCCAT
290401	GAACCTAACA	TTTCTGCCAC	TGTGACTGTG	ACGTGTTCAC	ATTAGAGGCA
290451	AGCTCGCCCT	GCTCCCCTTG	GGCTGTAGCC	ATTTCTGTCT	T'TATGAGACC
290501	TTACCCCTTA	AGACAAATAA	AAAGTAAGTA	TATGATAGTT	AATGAAGGTG
290551	AACATGGAGA	TGTTA'TTTAT	TCAAATATTT	CATTACCTTA	ATGTCCTTAT
290601	TTCCCCCTCT	AATTATGAAG	ATAAAAAATA	ACTTTTCTCT	ATTCTCCCCA
290651	AAATATTATG	AGCTCTCAGT	GTAAGTCCCT	CCTGCC'TATG	GGTAAGACAA
290701	CTCTGATTAG	AAGTCTTTAT	TTTTCTCTTT	ACAGGT'TTTT	TTTTTTTTTTA
290751	GATTTT'ACTT	ATGAAT'TATA	ATGTCCATGT	TTT'TAATAAA	AACAAACAAA
290801	CAAACAAACA	AAAAACAACC	AATTCCTTAC	CCCAGAGAGC	AGCTATGCTC
290851	ACCCAGGAAG	CAGCTGCACA	TTTGATGGGA	ATGAGTCAGG	TTGTCTAGATC
290901	TATAGCAGTT	CATTTTCTCT	AATAAGAAAT	ATATATTTTT	TTACATTGGC
290951	AAACAAAACA	AAACAGCAAC	AGCAGCAACA	ACAACAACAA	AAACCAACCC
291001	AAAAATGAAT	GTCATTTGCC	TACCCCGTTC	AGTCTGCCTG	CCTGGCCCCA
291051	AGCAGCTGTA	GTTCTTGCCA	AA'TGGCTAAG	CACAAACGCC	TGACTCAGCA
291101	TTTTCTTGCT	CGCTGCTTCC	AGCATCATGT	AGTGATTACG	ACTCGTCAGT
291151	TCTCCCGACT	CACTGTCTCC	CCACAGCCCC	CCATCCTCCC	CCACTCCTTG
291201	TCTAGAGCGA	TATAAAGGCG	TGCACATCTA	CTCCAGCACC	CGATGCTAAG
291251	TTGCTGCAAG	ACCAGCTGCT	ACTTCCCATT	CATCCAGCTT	CTCATGGCTT
291301	CCCCGTACAA	ACCCGTGCATG	TAAATATAGA	GGAATCCAAG	CTATACTGAG
291351	AAAGGAAAGG	AAAAGAATCC	CCACAAAGTA	TTGTCTATCAT	TCAGGGAACA
291401	TCTGTCCATG	CATGGAGATG	ATGGATGGAT	AGATGGATGG	ATGGATGGAT
291451	GGATGGATGG	ATGGGCAGGC	AGATGGACAG	ACAGACAGAA	GGACAGATGG
291501	ACAGAAGGAT	GGACAGACAG	ATGGGTGGGT	GGATGGATGG	G'TGGGTGGAC
291551	AGACAGACAG	GCAAAGTGAG	ATGGGGTGT	T'TTAATAGAA	GAGCAGTCAA
291601	CAGCTTTATT	ACAGAGCTTT	ATGGGAACTG	TAGTTCAACT	ACAGCCAACA
291651	AGAGATGTAG	TTATAAACTA	GGAGATGGTC	TAGAAAAGCC	GATATGTATT
291701	GTACTATTTT	GAAAGT'TGA	AAATGATTAC	T'TAATTTTCT	CAAACCTACC
291751	CACTGTCTTA	GTTAGGGTTA	CTATGGCTGT	GACGAAGCAT	CATGACTGAG
291801	CAGTGTGGGG	AGGGAAAGGG	T'TGCTTGGCT	TCC'TCTTCTA	CACGCCCTGT
291851	TCAGCATTAA	GG'TGGGCCC	TCC'TGCATCC	CTTACTA'ACT	AAGAAAACAC
291901	CCTGCAGGCT	TGCCTACAGC	TGGATCCCAG	GGAGGTATTT	CCTTAAT'TGA
291951	GGTTTCCTCC	TCTCTAGCCT	GTGTCAAGTT	GACATAAAAC	TAGCCTCTCC
292001	TCCCTAAGAT	AATGGGT'TGG	GGGGTGGGGG	AACTGAGTGG	GAAAGAA'TTC
292051	TGACCTTTGA	ATAAACATTT	TTTCATTGTA	AAAAAATGCT	ATTTAT'TTCT
292101	CTTTACAAAG	TTGGGAGAGG	GGTGAAGAAC	TTTCC'TAGTG	GGCTTTGTAT
292151	TTTCTAGTTG	TTTCTGTGGT	GGAGCTAGTG	TTGCTGGTCA	GTTCTCTCCC
292201	ACTCTGGAGT	ACTACACATA	CACACATACA	CACACACACA	CACACACACA
292251	CACACACACA	CACACACAGC	TACATACATG	AATGTTGAGC	TAAGGCATCC
292301	TTTACAATCA	CTCTCTTATC	CCAAAGCGTC	AGGGGAGAGA	CTGCTGTATG
292351	CAAAGCATTG	TTCTGGGCAC	CTGGGTGCAT	CACTGGGCAA	ATGGACGAAG
292401	CTCCGTTTGC	TCAACAGGAG	TTGACAGCTC	CAGGGACAT'T	GAGCGGTGCC
292451	AGGGACGGGA	AACCGCAGCA	GCACACAGAC	AGTGGGTAAG	AGGT'TACAAG
292501	GTCATAGGTG	GACAAGGGAG	ATCTCAGAGG	AAGTAGGAAC	TGCATCTGAG
292551	AGCTGTGAAG	GTGGTACAGC	T'TGATGAGAA	GT'TCTACTTG	TGACCGAGGA
292601	AGTGTCCAC	AGAAAGGGGA	GAGCTATGAT	AAAGCTGTGG	TCTGAGGGCG

292651	GAGCTCAAGG	AAGGAGAAAC	AGCCATGTCA	GCTCCTGGTG	AGGCTGTGGA
292701	AGGTGTGGCT	CCCCGAGAAC	ATCTCAAATG	TTTTATACAG	TTTGGAAAAA
292751	AAAAAAACT	GTAGCAAATA	TTCATCTCAC	TGGTTTTTTT	TTCTTCAGA
292801	AGGTTTGTGG	TCTTTACAAA	ACAGAAATAA	TGGATTAACC	AAAA'TTTATT
292851	CTGAAGAGCC	TGCACGGCTT	GCTTCTATTT	TAACAGCTGT	GTAAGGGGAT
292901	GCAGTGC'IAA	ATGATTAGTG	GAGGATTTAA	TGAGAACTCA	AAAATCACAG
292951	TCTGAAGAAA	ATAATAAAAT	CACCTCTGAA	AGACAGTACC	ACA'TTACAGC
293001	TAGATGAAGC	CTTGGGTGCC	ATCTGGCTTT	ATCATTTACA	AATGATCGGT
293051	CTGGGAAATG	TGAAGTGACT	TAGCCCATGC	TACCTGGTTA	CCTGCTTGGT
293101	GACAGGCTTG	TCTTTAGAGA	CTGACCAGAC	CTGCTAATCC	AAGGCCCCAGA
293151	GCATATCCAC	ACTAATTTAG	TGAAAACGCA	ATTGTTGATA	ACAGTCTCAT
293201	TGAGTTTCCT	AGACTTGACA	GTCAAATCCA	AGTTCCCATC	ACAGTGAGTA
293251	GGATGTTATT	TGTGTTTGCA	ATATGGCCTT	CATCTTTGGG	GTATACTGGA
293301	AATTGGTTGC	AGGAAGATCA	AATAGTTGAT	TCCTCTGCCT	TTTGGGGAAC
293351	ACTGGA'TGTG	CTTTGTGGTT	GCCCATCAGA	ATGAAGGTTT	CTAGTTGGCT
293401	TGCTTTTCCA	GGTGCTTTTC	TTACAGCCTC	TGCTGCC'TTC	TGAGCTGGAG
293451	GTA AAAAGAT	GCCAGAGCAC	AGCATAGACA	CCAAGGCTCC	CTCCCCAGCG
293501	TCCACTCACC	TGAGGCTCCC	TCCCTAGCAT	CCACTCACCT	GAGGCTCCCT
293551	CCCCAGCATC	CACTCACCTG	AGGCTCCCTC	CCCACCATCC	ACTCACCTGA
293601	GGCTCCCTCC	CCACCATCCA	CTCACCTGAG	GC'TCCCTCCC	CACCATCCAC
293651	TCACCT'GAGG	CTCCCTCCCC	ACCATCCACT	CACCTGAGGC	TCCCTGAAA
293701	CCCACCATCC	ACTCACCTGA	TCCCTCCTCA	GCATCCACTC	ACCTGAAAAG
293751	AAAGTAGTCA	AAAGCAAAAA	ATAAACCTTG	ACACCAAATC	ACCAGCAGCA
293801	TACAAAGTTT	GGAGAAAGTG	CA'TG'PACGGA	AATGTCTTTA	GAAACCCCTT
293851	TTAGGACCTA	AAACCCCTTA	CCTACTAACC	ACCAACCCCC	TTCCCTCCCTC
293901	CTGTCCAGC	TGCCACACTG	TTCTCTGCC'T	CTGTGACCAC	GATGATGTCA
293951	GGTCCTTCCT	CTGAGTGGAA	CCGCAGGGTG	CTTGCCTTCT	GTGGAGAGGC
294001	CACATTTACC	TAGCACAGTG	TCCTCACAAC	TAGCCCATGT	TGTAACATGT
294051	CAGAACTTTA	TTTCTTTTGA	AAGCCAAATA	ATATTCTACT	CGAAATGTTG
294101	GATAACCAAG	TTGGTACCAG	AGTTCTCCAA	AGCAACACTC	CCAACCACAA
294151	AATAGGAGTG	AGGTCTATAA	ACTTGAAAAT	TATGCAAGGG	GGAATAAAAT
294201	TGTTTATATA	GCATAATGGT	ATGTTTATAG	TTCAAAAGTA	TCATGTTAAA
294251	TAGTTTGAAA	TAATGTATAA	CTAGTTCTCT	AAATATAAAG	ACATTGTTCT
294301	AATGAGACAG	TAGGCAGTCT	TGACCTGAAA	CTCCTCAGAG	ACTACAGCAA
294351	CTGTGAACAT	CTCTTGTAAG	AAGTTA'CTTA	GAGATTGTTG	CAGGGAAATA
294401	TTAAAAAGTA	AACCTGGTTG	GCCCATGCTC	CTGCACTCCT	GCCAAACTGC
294451	CACAGGGCTC	CCTCTGGGCC	ACTCTCTGGC	GGGCCCCCTC	CCCCTCAGTT
294501	CCTCT'CACTA	CCACATGGTC	AGCCATCACA	TCACAATATC	CAGTACCCTG
294551	GTAGAATCAA	GACTCTTAA'I	GCTGAACCGG	GTGTGGTGGC	ACATGCCTTT
294601	AATCCCAGTA	CTCGGGAGGC	AGAGGCAGGC	AAAT'TTCTGA	GTTTGAGGCC
294651	AGCCTGGTCT	ACAAAGTGAG	TTCCAGGACA	GCCAGGGCTA	TACAGAGAAA
294701	CCCTGTCTCG	AAAAACCAAA	AGAAAAAA	AGACTCTTAA	TGCTTAATTA
294751	GCCAATCAGA	TTTATGTATC	AATAATATCA	CAATTTACAA	GATGCCAATA
294801	CAATAATTTT	AGAGCCAATT	GATAATGATA	AAAGCTTTAT	CCTAGTATTG
294851	TGAAATCATA	GCTACCTGTG	GCTGGAAAAC	GCCATGCGGG	TTACAGTCCA
294901	CAGCCATCTT	CCTTCTCCTA	CTCTGAGATG	CTCCCTGTCT	CTACAACCTCT
294951	TAGCTCAGCC	TCCCTTTTCC	CTGTACAATC	ACAGGCCTCC	CAC'TGCCCTA
295001	ATGTGATTGG	ACAGGGAAAA	TCCTACAACA	TGTGA'IAAAA	CTGACCAC'TT
295051	GTCACACATC	AAAACCTACAG	ACGCAGGAAC	ACAAAAGGGT	GGGGCAGGGG
295101	ATGCAGACTA	TCAC'TTGAGA	ATCAGGAAGA	TATGAGGCAC	CCTACAAAAG
295151	CAACAGAAAT	CAAGCATTGT	GAGGGGCAGG	GGGAGAGGGG	CACAGTGTGT
295201	GTTCCAGAGT	GTCACAGTCA	GAGGGTTTCC	CTTCAAGTGT	TTATAATATT
295251	TTTCCCTGGT	ATTGTATTAC	ATATTTAACT	GCAGGTTGGG	AGGGCAGTCA
295301	GGTCATCTTC	CAATGTAACT	AAAAGCAGGC	GGTGGAGGAA	AGCTCTTCTG
295351	CCACTTTGAA	TGTCATTGAG	ATTTAGCCAC	CTTCCTGCAC	AGCGTGTAAG
295401	GAGGGGTCCA	GGTGGAACAG	TGGACGACTT	GATTTTCATA	AATCGTTGCT
295451	GTTGATTTAT	TGGACAGCAG	TAACATCTTC	ATTATTGAGA	TTGCCCTCATG
295501	TGCTTTTTTA	AGTTGCAGAA	TGACAAATA	CTGAAATGGT	CTTCGACACT
295551	GCTCTAGAGT	CTTGGCAGCT	GACGGTTCTG	GAGTCGGAGA	CAAGGGCTGT
295601	GGGACCCACA	GCTCTTCTTG	CAGGGTCTTT	TATCTTCTCG	TTGAATCGGA
295651	AAATGAAGCA	GGGGCTGGTG	ACTGTGGAGT	ACGCTAAGTA	AACTGTGATG
295701	CAGCTGGCCA	GCAAGTGTCA	TACAGATGCT	GTGGCACATA	TGACCGCGCC

295751	TCACCCCTTAG	CACCCGCTGCG	GTCAICTTGG	ATGCTTAGAG	TCCCTCTCAA
295801	ACTTCCCTTG	GCCTCTGTCT	CTGGCACACT	CCAGTTCCTC	CACCTTTGCA
295851	TATGCGGTTT	CCTTAGGAGG	GGCTGGACCA	CCCTCTTTAC	CCAGCATTCT
295901	CTTTTCAGGA	GCTAGCTTTA	GCTTCTTCGC	TCCATGGCTC	ACATCCAGTT
295951	AGAGGTCCCC	CTCCCCGCCC	CCCGTAGAAT	GTCAGTGTCT	GTACAGTGGC
296001	ACAGTTACAG	CCACACACAC	ACTGGCACTC	TTCAGAATCC	TGTTTAGCAA
296051	GTGTAAGGTC	AAGCTCTCCC	CAGCACCTAC	TCCTACGCTG	TAGGCTTGGC
296101	TGGGATGGTG	AGACAGCTCG	AATGGCTTCT	AGTCTCTTCT	CCCATCACAT
296151	CTTGCCCTCTA	TGGCTTGTTT	TTTTCTCAG	GGAGAGGGGA	TGCTCTGGCT
296201	TCCTGCTTCT	GTACCTTCTA	TCTGCGGCGA	TGTTTATAT	TGAGGCTGCC
296251	AGGAGAGAGA	AGCTGTCAGT	TTGGCCTCGA	GCCCCCTCCC	ACGACCCTTC
296301	AAGGGGAGCA	GCACTCACAG	CTTGAGCAG	CACACTGCTG	GCCCCCAGGC
296351	TGGTATTGAG	GGGAGTGGTT	TTCAGCCAGA	GCTCTTGATA	AGATTTCTGA
296401	CAAAAAGAGA	CAGGAGTTTA	AAAAACAAAA	ACAAAAAATA	CCTTGTGACA
296451	AAATAGTGTG	TCCGTGAGCA	TGATACATGT	TTGTCTGTCT	ATATACACAA
296501	GGAGGCAGAA	TTAAGCAACT	ATCCATGGAT	TTTTCTTCTT	AGATCTTCTG
296551	CAGTGAACAC	TTTTAAGAGA	TGCTAAGCGG	ATGGCCTAGT	TGGTCATCAA
296601	AGGGAGGAGA	GGCCCTTGGT	CTTGTTGAAGA	TTCTATGCCC	CAGTATAGAG
296651	GAATGCCAGG	GCCAGGAAGC	AGGAGTGGGT	GGGTGAGGGA	GCAGGGGTAG
296701	GGAGTAGGGG	ATAGGGGATT	TTCGGAGAGG	AAACTAGGAA	AGGGGATAGC
296751	ATTTGAAATG	TAAATGAAGA	AAACATTTAA	TTAAAAAATA	AAAAGTAGAG
296801	GGGGGGGCGG	TTTCAGCGGC	ACGCACGGTT	CAGCCCACGA	AACAGAGCAG
296851	TACAAAAAGA	CCGGAATAG	TCGCCATATCT	GCCCCGCCCC	ATTCTCAAGT
296901	CTTCCCTATA	TGAGGTGCTT	GCTTTATTTCA	ATTTCTGTGT	CTTTTCTCTC
296951	TCAGGTGACT	GGATGGCCGG	AACTCCCTCA	CACATCCTCA	GCAGCTCGCC
297001	ATCAGACCAG	CAGATTAACC	AGCTGGCTCA	GAGGCTAGGC	CCGGAGTGGG
297051	AGCCCGTGGT	CCTGTCTCTG	GGAGTGTCCC	AGACCGACAT	CTACCGCTGC
297101	AAGGCCAAC	ATCCCCACAA	CGTGCATTCT	CAGGTGGTGG	AGGCCTTTGT
297151	CCGCTGGCGC	CAGCGTTTGG	GGAAGCAGGC	CACCTTCCTA	AGCTTACACA
297201	AGGGCCTCCA	GGCAGTGGAG	GCTGATCCCC	CCCTGCTCCA	GCACATGCTG
297251	GAGTGACCTG	ACCCCCCCCC	GCGCCCCCCC	CCCACCTTGC	GTGGGGGTGG
297301	TGGGGCGTGG	GTTCCCAAGT	CACACTGGCT	GAACCGGACT	TTTCTCAGCA
297351	GGTGGCTTTG	TTCTGGGCTT	TTCACTGATC	TGTTTACGGA	AAGAGATCGT
297401	CCACCACCTA	CTCAACCATT	GATTGGCTTT	AATTGCTTGA	AGACTGCGCT
297451	GTTGTAACCTA	TGGTTTGGAA	CTTTGTGGCT	GGCCTTTAAT	AGGAGGCCAG
297501	AAAAAACACA	ACACCCACCC	TACCCAAACC	CCCAAAAAAT	CATGCTACAG
297551	CATCGAATGC	AGGTGTCTCT	CATACAAAGC	AGCTACACTT	GTGTTGCCCT
297601	GAGACTGGAT	TGTGCATTTA	GCTCTTCTATA	ATGGTATGAT	TAATAAAAAA
297651	GCAAATTGTG	ATATAGAATG	TGCCCTCTTC	AATGAGAGAG	TATTATATCA
297701	CACACACACA	CACACACACA	CACACACATA	CACACACACA	CACCACTCTT
297751	CTGTTGCATA	GACGGAGGGT	GTAAAAATAT	GGGAGTGGAG	CAAGATTGAT
297801	AGCAGTCATG	TGACGACGGA	GATAAATAAC	TCAGGCAGGA	TGTATAGATT
297851	AAGCATGAGA	CACCGAAGCT	CCCTGCAGAG	GCCAGGGAGA	GAACCGAAGA
297901	CCTTTCATCTT	AACAAATTGT	ATGAGGAGTC	TCTGTCCATT	TGTTAAAGGC
297951	ATTGGATCAG	AGACAAGAGG	GCTCAGTGTT	TCTCTTGAGG	CCTGAATGGC
298001	TGAAGGCGGT	GAGTTCCCGA	GGGGCGTCAT	GGGTTGTCCA	GCCTTTCATT
298051	AACATGCACAT	AGTGTTAGCC	AGACAGGTGT	ACGTGTTTGT	CATCCCATCT
298101	AAGAGACTGA	AGCAGGAGGA	TCACCTGTAC	ATGACTGCTT	CTTTCAACAT
298151	TTTAAAATCT	GTAACCTCTA	TTAAATTCTC	TCAGTGCAAA	TAAAGTGCGT
298201	GTCCAATTGTG	TCCTTTCAAA	AACCTAACAA	TAGATAAGAT	GAGGAGAAGC
298251	AAGAGTCTCC	TTGTACTCCC	CGCAGTCAGT	CAGCTTTGCT	CTGCTCTGCC
298301	GTCAGTTTCT	TAGTTAAGCC	CGCCCGCACA	TCCCTTCTGC	AGCTGGAGCA
298351	GGATTGCCCT	GTAAGGCTCT	TTAACACTTG	GCTTCTCTGC	CTTAACACAT
298401	AGCACTTGTT	CCAATGCCAA	AGGCCCTTAC	AACATCCTTT	GCTCTTAGAG
298451	CACACTTGCA	AGAGCTATCG	TTTTGGCAGC	ACCTTTAAAG	AGATTGAAGG
298501	CACCTCAGCT	CTAAGTCTAC	CAACTGCTTT	CCCCATCAAG	AAGTTCGCTG
298551	GCATTCAGCT	TCTTGCTTGA	CACACCCATA	ACCCACCCCC	ACCCAGAACC
298601	AATCCGAGCA	AACATTTGTT	CACTGCCTGC	ACTGTGCACC	TTGCATCCTC
298651	ACAAAGCTTA	GCATGTCTGC	ATTCTGAGTT	TTGTCCCTTG	CCCCAAGATG
298701	TCCCTCTCCAC	TGTACTACAT	CTAATTACCG	CTGTGTTTCT	TTTCTTCAAG
298751	AGAATGTTAG	GGGAGGGACA	GTCAACACAG	AAGTTGCACA	CAGCCCCCTC
298801	GCTTCCTGAG	GGTGTATGCG	CAATTGACAG	TTGCCGGAGG	GAGAGACTGG

298851	CAGTATAGTT	GTCACCTGTA	AGTGTCCCTG	TGACTTCTCA	CCATTGTCCT
298901	CACAAGTAGT	CCTAGTAAAA	CTCATTCCTG	TACCAGTCCA	GATTTGGGTG
298951	GAGTGGTTTC	TTTGGTCTGT	CATCTTCAGA	AGCCCTCTCT	GAGGCACACA
299001	GACATTTGCT	CAGATCTTTC	CGGAAAAGCT	AATGCGGCTG	AGAGGCTAAT
299051	CTCATCTCTG	TTAATTTGAGG	ACATTAAGC	CGACCAACAA	AGACACAAGC
299101	CCTACTCTCT	GGAGCTCACT	GCCACATGAG	ACAGCCACAG	ACCTCTAATC
299151	ACAACATGAT	GTGACAATTC	CACCTCTGAG	TACTGAGCCA	GTGGGAACAG
299201	AGCAAAAGGA	CCCCCTCTGG	TTTGCTTTTG	AGGGGATGGG	GGGCCTGAAG
299251	AAAAAGAAGG	CTCCGTCAC	CAGGTAAATC	ACTCCACCTT	CTTGGGCAGG
299301	TTTATTCACG	TATGCACACT	AACCTGGTCTA	TGAGTGCAGA	GGATCTGCCA
299351	GAGGTAAAAA	AGATAAATTG	TTTCATACAGT	GGGTTTGGAC	AAGGAAATGT
299401	CTGAGCTGAA	TTATTTTGGC	TACTGAGTTT	TGTTTTGTTT	TGTTTTGTTT
299451	TGTTTTCCCT	AATATTCCTT	ATCAAGCCAG	GGTCCCTCAA	AATGTTAGGC
299501	TGAGTCCCTT	CATCCTTCTG	GGGCTTGTAC	AGCAGCTGAG	AGTCTGCAGC
299551	TCTTCTGGGC	ATCCCTAGGG	AACCTAGGTA	AGGAAAAATG	AGGAGGAGC
299601	ACACGGCAGA	GCATGTCCAG	AACCTGGGTG	GGACTCTGAT	CTAACACTTA
299651	GCTCTCATTA	AATGAATCCC	TACAGTTGGG	GCACAAATTC	TTGCTGGTTA
299701	CAAAACACCC	AAGTTACTGG	AGATCCGAAG	ATAAATAAGA	CACAGTCTCT
299751	GCCCAGCAGG	ATCTCGGCCC	TCCAGGAAGG	CAGCCATAAC	AGCCAGGCAA
299801	CTCTGACACT	TCACAGAAAA	GGGAGCAATT	AAGTTGGCCA	CAGAGGAGAT
299851	GACACTTCGG	CTGAGCTCTT	GTAAGCCCTG	CCCAAGTTAG	CGTGATAGCC
299901	CCCCCTTAG	GGGATATTAG	GAGACACCAG	AATTCCTTTT	AATGCTCTCT
299951	TCACCTGAGT	TGACAAATGG	CACCTCTTCC	AAATGCTCTAC	AAGATGCATA
300001	TGCCCTCCAAA	ATGCTATCTC	GGAGCCATTA	GAAACTAAAC	ACATTGACAA
300051	ATACCATCCT	GTTCCTATCT	TCTTTATAGC	AGTGGAGTGT	TCAGCCACAG
300101	TAAAATCAGG	ATCAGGCTTC	AAGGATTTAG	GTATCAGGCA	TATTTGAGGG
300151	TGCTTTTAT	AGCACCCCTC	TCTCCCCCAC	CCCAACACTT	GTACAAATTC
300201	AAAATAGATG	TTGCAGCATA	CAGGGAATGT	TTTTAATATA	ATGCTCTGTT
300251	TACTTCCCTG	AACATAAAC	ATCTGAGAGG	AACAGGGACG	TCTGCTTGT
300301	TGGCACTTAC	TGTTCTTATA	GAAATTTAA	AGTCTCTCAA	AGACACAGTT
300351	CAGTGAGCCA	ATTAAACCTT	GTCTCTGCTT	TGTTAAGCTC	ACGAGAAACA
300401	TATGGTAGTG	ATTCTGATAG	CTATTGTTCA	TTCAAAGCAT	CAGCTATGAA
300451	ATCCAGGTTT	GAATGCTCAG	AAAGAAAAAG	CAGATTCAAC	ATCTTGGCAA
300501	TAAGCATGTA	TTTCCATCTC	ATTTTCGTAT	TTTATCTCTA	GCCAGTGCTG
300551	TTTTGGGTGT	CACATTACAT	TCTTGATGGA	GAGTATTTTC	GGAAAATGTA
300601	AAATGGGCTG	GATGTCATGA	ATAATTATTT	CTTTTGGCTC	TTGGTGACAC
300651	TTAACCCTCC	CTGTTCTAG	GGAGACAAAT	TGGTGTITGTG	AGCACCTTGC
300701	CAGTGCCAAT	GACTTCGAGG	TGACTTAGCT	CAGTGCTGAC	CCCGGATGAG
300751	GCCTGGATGCC	TCCTCATGGC	TAACTGGGAA	ATAGATGGCA	ATGACCTCGC
300801	GCCTCTGGAA	CACACTTTGA	CCAAAGGATGA	GGCATCTGCG	CAGGGGATGT
300851	CTATGAAGGC	CCAGAACATC	TGCCGTAGGA	AGTGGTTCTT	CTCCATTGAA
300901	GGGCACAGAT	TTCTTCCTTT	ACAAATATTA	GAAAATGATA	GAGACTTTCT
300951	TCAGAAAACA	CATTTGAGCAC	TTGCACACTC	TGATGTGCAC	AGATGCAGAC
301001	ATGTACGTAT	AATGTTCTAC	ACGACATCT	TGACATATAA	TTTTGAAGGA
301051	ATTTTTCAGTA	CTTCTGAATC	CAATTCATTC	TTCCCAAGAA	CTACTCATGT
301101	GAACCTGGT	CTTCTGCAC	CAAACTAGTC	CACCAAGAAT	AATTTTTTTT
301151	TATTGTTTTA	AATAATATTG	GGAAGCCTTG	AGTTCAGTAG	GGTGGAGCTG
301201	TTTGTATTGG	ATTACACAAG	GGTATAAAATC	ACTGTGAAGG	TGTTGAGATA
301251	AAGATAGAAT	CATTTATCTG	AATCCAGATT	TTTATATAAC	TGACCACAGA
301301	TCPTTTCTTT	TGGGGAGGGG	CACCTTTAGG	CTGACAGTCC	TCTGGACCCA
301351	CCTCTTGGCA	AAGAAGAGTT	TACAGCTGTG	AAATGTATGA	CAGTCTCTGC
301401	CTCCAAGGGA	CTTCCCTGCCT	TCACCTTGTC	TCTTTAGAAC	CAGAACTCCT
301451	CAGCGAGGAA	GAAATGAGTG	TTTTATGCTT	AGCACTCTAA	GAATGGTTGG
301501	TTTCTTGGGG	GAAATCAGAG	AAAACAGAGT	CCCATTTACT	TCACACACTG
301551	GGAAATTGTT	CCTAACAACA	TCTTTTTTTG	CAATCATCTG	CTTGAATCTC
301601	GTTTCTCTTA	GCTTCTGGGA	GCAGTTATTT	TTCTGCTCAG	AAAACCTAAGC
301651	TCCATGCTGG	CTTCTGCTG	ACGGAGTGGA	CCCTTTGATT	GCTGTTTTC
301701	TGTCGTCAAG	ACATCATCTG	TCACTCAATA	TTGTCATCTC	CTGCTTCCCA
301751	GGGGACATCT	TGTAATTAATG	GCTATAAATA	AACCCCAACA	CGCCCTTTCT
301801	GAAAGTGTGA	ATAACAAAGC	GTACCACACC	GGTCAGTCAG	GATAAGATCT
301851	CGCTCAGGCT	CAGGGTAAGA	ACATTCATTG	AGGAGGAATG	GAGTCTTTGG
301901	AGTTTTGGAG	GAAGATAAGT	AAAGACATCC	ATCACTCATG	GATTTTCATGG

301951	GAGTCGGGAA	GAAGGATGAG	GTTAGTTTTTA	GAGTACACAG	AGACTGGCGT
302001	TCCTTTGCAG	TTAGTCAATC	CCTACAACTA	AAAAGGATGA	AGCATTCCTT
302051	AGGAATCCCT	GCTTTCCAG	GGCAGAGGAT	GTAGGTTCAG	CATTGTGAGG
302101	CCCCATTTT	GTTCATTTTG	TGATACTGGC	CTTTGCTTCG	GGAAGTGTCC
302151	AGGATACTTG	TTAAGTGTGG	ACAATTTAAC	TTTGTTTTTG	TTTGTTTTTT
302201	CTTTCCTTAA	AAAAAAAAAA	GATTTATTTA	TTTATTTATT	TATTTATTTA
302251	TTTATTCAGA	ATACATTGTA	GCTGTCCTCA	GACACACCAG	AAGAGGGCAT
302301	CAGATCCCAC	TACCGATGGT	TGTGAGCCAC	CATGTGGGTG	CTGGGAATTG
302351	AACTCAGGAC	CTCTGGAAGA	ACAGTCAGTG	CTTTTAACTG	CTGAGCCATC
302401	TCTCCAGCCC	GAATTTAGCT	AATCTTAACC	CATCACCTTT	CACCTTATAA
302451	TTGTTACTGT	TCCTAGAGAG	CACAGGGCTT	GGATAAAGTG	AACAGTGGTA
302501	AAAGTAAGTT	TTGTTGTTGT	TGTTTTTGCTG	TTTTTTGTTT	GTGGGAACAG
302551	GACCAAGGAT	GGTGGTTGAG	AGGTGAAAAA	GTCACATGAT	AGATCCCAGG
302601	TCTCAGACTC	TGGAGAGCAG	CATTGGGGTG	CAGATCTGAG	TTTATTGCCG
302651	AATGCATAAG	CTTATATGCA	GTGTTTGAGC	CAATCATATC	GTGGCATGCC
302701	CCATCCGTCA	CCATGCCCCA	ATAAAAGTCC	CATCACCTGT	TAGGACTTCT
302751	GAGAAGATGT	GGGAAGCAGT	CACCACCCTG	GCCTTGGTTC	CTATGACTAT
302801	CTTGCTGGTG	TTCTAGAGCC	ATCTTAGATC	TAATGCCCTG	GACAGCAGAT
302851	CTGGATTCTT	CGAGGAGTCA	CAGGAGCTGT	GGTGCCTCGC	TCTCCATCCT
302901	ACTTTTCCCT	TCACAAGGTT	GACCTCCACG	TCCCCCACAG	TTGTTTGTFT
302951	TTACATTTT	ACAGGCTGAT	ATGATGTAGA	TATCATTTGT	TCCTAAGGAT
303001	TCATTTGTTA	GTAGCATGGT	CGGTGTGGTG	ATGTGGGAAG	TGAGATCTTT
303051	AAGATTGAGG	TCTGGTGGAA	GCTTTAGGT	CTTTAAAAGC	TCTTCATGAA
303101	AAGGAATTAA	GAACCTTCTA	GTGAAATCCT	GGGTTTTTCA	GAGGGTGGGT
303151	GGTTACAGGA	TTAAGAGTGA	CCCCTGAATG	CATCTTTGTA	TGGAGTTCTG
303201	CTTTCCCTGTT	TGGCAATAGA	TCCTTCCTAG	TAGCAAGCTC	CCCTGCCGTT
303251	AGGCTCAACT	CTGCCAGGGA	CAAATCAATG	GAGCCAATCA	ATCTTGGCTT
303301	TTCCATCTCC	AAAACGTGTA	TCTAAACAAA	CCTCTTTCTT	TATAAAGCTA
303351	GCCTTCTTTA	GCTATTCCAT	TGTATTAATT	CTAAACAAGA	GCCTGAAACA
303401	AAGTGAAGAG	AAGAAAAATC	AGCGTGTGTA	GATTTGTGTA	TGAGACAAAT
303451	CAGACTCATA	TTTCAGGAGC	CCTGTTCCGT	AACAGACACT	TGTCTCTGTA
303501	TTTAATTTGG	GAAAAGAAAA	ACAAATGGCC	TCATCACTA	ATGCTAAATC
303551	AAATGAAAGG	AAACAACCTC	TCCTACCGTT	CTAGAAAACC	ATGGGATGAT
303601	TTTCAGCTTG	GGTCAATCGT	GAAAGCTTTT	CGTATAACTT	CCACAAATCC
303651	ATTCCACATA	CATTCATCCG	CTTACTAAGC	ACCTCCAGTG	CACCAGGCAG
303701	GAACCTGGGC	CGTGAGCTTA	GGTACTCGAT	GCAACAGTGC	CAAGTTCTTT
303751	CCCTGGAGGA	GCTCCCCATT	GCCGAGAAAA	AGAACATAAC	CAAGAACTG
303801	CTAGAGCCAG	AGGAAGGAGA	ACTATTCAAT	GTATCAGAGA	GAGCCTCATG
303851	AGAAGGCCGC	ACGCCAGTGG	ACTGACTTAC	GCCTGTGATC	CTAGCACACT
303901	GAGGGCTGTG	GCTAGCCTGT	GGTCTAGCA	CCCTGGGGGC	TGAGGCTAGC
303951	CTGTGGTCCT	AGCACCCCTG	GGGCTGAGGC	TAGCCTGTGG	TCCTAGCACC
304001	CTGGGGGCTG	AGGCTAGCC	GTGGTCTAG	CACCCTGGGG	GCTGAGGCTA
304051	GCTAGCCGTT	GACTCACTTA	CTGGGAAACT	CATCAAGCTA	TATTTTCTTA
304101	CAAAACATTT	AGAAAACATA	GAATAGAGCA	GTGTAGCTCC	CACATGGAGG
304151	TGAAAGGAGT	GGAGCTGT	AGAGACTATG	TGTCCCCTAC	ACCCAGAGGG
304201	TCCCCCAAAC	CCAGAGGATC	CCCCTACACC	CAGAGGATTC	CCCCCACACC
304251	CAGAGAATCC	TACACACCCA	GACAAGGGTA	GATCAAACCC	TTGAAGATAC
304301	TCTTGAGAAG	ACACCAGGAA	CATTTGTATG	GAGCTGACTT	TCTCTTCCCC
304351	TGCGTGATG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
304401	TGGTGGGGAG	GTGCTGCTGG	TGGTAAGGCT	TGTTTTAAAA	CCAGGCAGAG
304451	TTTGATATCAC	ACCTTTTAGA	TTAAAAATGT	GAGAGGAGAA	ATCTCAAGAC
304501	CTTCAGGTGC	CAGTATGCAC	TTGCGACCCA	AGGTGGAAGA	GGGGACTACT
304551	TCCCACACTT	ATCTGACATT	GGCGTCTTGC	TATGACACCA	CCTATGAATG
304601	TATCTTTGGA	AATACTTGTT	TCACAGACAT	ACTGAGGTCA	AGAATATTCA
304651	TCCTTGGAGT	GCAATGGGAA	AACTAGTAGC	TCACGGGTTC	CAAAAATAGC
304701	CAAGACTCTT	TAAAGGTCAC	GGATAGTATC	TCAAGTGATA	TTTAAACAAG
304751	GGTAAATTTAT	TCCTCTTCCC	ACCCGCAATC	CATCTTCACC	AGTGAACAC
304801	CTCACATTAC	AGAACAATTG	CAGAGAGACA	TATGGTTTTC	TGAATCTTCC
304851	TTTCGTCTTT	TAATGATGGA	TACAATCTGTC	ATATTTTICA	CTCCTATGAC
304901	TCCACTATCC	TTGCAAGTTT	TCTCCTTGGC	TTTTTTTTTT	TTTTTTTTTT
304951	TTTTTTTTTT	AGACAGGGTT	TCTCTGTATA	GCCCTGGCTG	TCCTGGAACT
305001	CACCTTGTAG	ACCAGGCTGG	CCTCGAACTC	AGAAATTAC	CTGCCCCCTG

305051	CTCCCAAGTG	CTGGGATTA	AGGTGTCTCC	TTGGCTTTT	GTGAGTTTAA
305101	CCTGAGCCAT	AGCATGTGCT	GCATGCACTT	TGGTGGCCAG	TGGGCTCTCC
305151	CTCTAGTTAT	CACCAGATGC	CAGGTGGCAC	CCATACTCAA	GCAGGCAGGA
305201	ACTAGGTTTT	TCCCCTAAAA	GGAACTGTAT	CAGGAAACCT	GTCTGCTGCC
305251	CAGGCATTTT	CTGTCTGCTC	CCATTCTTAC	TACTGTCTTC	CTATTTGCAT
305301	TCTCATTTGC	TCACCTGGAG	CCTCCTCTAC	TGAGCCCTGA	CATAATTGAC
305351	CTTGACTTTC	ATCTTCTGTT	TGTCTTTCTA	GTGCAGTGTC	TA'TAAAGCC
305401	TCCATTTTCAG	CAATTCATCC	TAACTATGAA	TAGTACCACA	CACACAGAAA
305451	CACACACACA	GATATATACA	CACAGATGTA	CATACACACA	GATAAACACA
305501	CATACAGATA	AACACATACA	GAGAGACATA	CATACACAGA	TGCACACACA
305551	GATACACGCA	CAGACACACA	CACACACACA	CACACACACA	T'TCTACTACA
305601	TGGCATTTAG	AAACATTTAG	AGACTCTTCT	T'TTTTGCAGT	GAGAGTTGTC
305651	ACCATGCATC	GCATTGGAAG	AATAGGGGTG	GCAGAACTA	TGGATATCTG
305701	GCATACTACA	GATAACTGTA	GATGATAAAG	AGATGATCTG	CCCAAAGCGA
305751	CAGTGACACT	ATAATGTTAG	CCACCATGTT	GGCTGCC'TTT	TCTAACCAGT
305801	GCAACTTGAC	AACGTAATCT	AAGAGAAGAA	AAGTTTATGT	TGGCTCACAG
305851	TTTCAGGAGA	CACAGCCCAT	CATGGAGGGA	CATACATGCT	GGTGGCCATC
305901	TGTGGCAGCA	GAGCCTGGAG	CAACACCTCT	TCAGAGCATG	GCAGATCAAG
305951	GAGCAGAAAT	GGAACCAAAA	G'TAGACCCCA	ATTCTAACCC	TCAAGAGCTG
306001	TCCTCAGTGA	CTTATTGTCT	GCAGGAGGGC	CATGTACAAA	GG'TTCCATGA
306051	CTTTCTCACC	AGT'GCCCCAG	GTGAGGACCA	AGTGTTACAA	TACATGAATC
306101	TA'TGAAGAAC	AAT'TCTTAGC	CAATCTATAA	CCACTGCCGT	GGATCCAGAC
306151	CAGTACACTT	TGATAATATT	CAGTATCTAA	AACACTACCC	ATGCTGGTCT
306201	CCACTTGCTT	CTTTTCTGGG	AACATCTTAT	GATAACATAT	CCTTTAGGCT
306251	TTGACGGGGC	CATTAGCCGT	ATATAAGCTT	TCTCTTCTGA	ACCACAAACG
306301	TCTCAGCAAA	CACCGTGGGG	GCTCCTCAGT	GTGAGCA'TGA	TGCAATCAA'T
306351	GGGAATGTGT	TTGAAGACCC	AGAAACACTC	TCTGCTTTAT	AGAGAAATGC
306401	CTATCCCTTG	GCAAAAACAA	CAGCCATGAC	CCAGGCCAAC	TA'TCTCTTTT
306451	CTGATTCCAA	GGTCAAGCAT	AAAGAAATGA	GGCTTACTTG	ACATCATGTC
306501	AAGATCCCAT	CTAACCTAAT	TCAGAGTCTA	CCATACATAC	AGTCATAATT
306551	ATGAAAGTCT	CCACAAAGGC	ATGAAACCAT	GAATGAACAC	ATGTGAGGTA
306601	GTCCTCCCAG	TTCAGTTCTC	AACATAGAAA	AAAAAAAGCT	TTCCCAGAAT
306651	GCAGAGCAAT	GCCTACCCTC	CCCAGACTCCA	AGGACTCGTG	GATTAGTAAT
306701	GTAGACAGGC	ACTAGAACTT	AT'CEAATTAG	CTAAATTCCCT	GCTCTGTCTC
306751	TCCTGACTCA	TCCTGCAGGA	ACAAATCACT	TCTGTACAGT	GAGCAATGGA
306801	TGGGCGGGGT	GCAGGGGAAA	GAAGAATCAT	CATGGAACTC	CTGGTAGACA
306851	CCAGGCCTTT	GGAAATGATT	C'TAAGCAAGC	ATGAATGCCC	TTTCATAACA
306901	AGAAACTGTA	GCAGATAAAA	AGCAGCTTCA	CTTTATGGGC	AACTAAATGT
306951	AGTATAAGGG	TTGGCAGCTC	TACCTTTATC	CTGTGCCTGT	CTCCCTTGAC
307001	TTGGGGTCAG	ATTTCTACTG	AATTTGCCAC	ATAGGTGTAT	TAATCACTAA
307051	GGGTTATGTA	CTGGCTGGTT	TTGTGTGTCA	ACTTGACACA	AGCTGGAGTT
307101	ATCACAGAGA	AAGGAGCCTC	CCTCAAGGAA	ATGCCTCCAT	GAAATACAGC
307151	TGTAAAGGCAT	TTTCTCAATT	AGTGATCAAG	TGGGGAGGGC	CCATTGTGGG
307201	TGGTGTCAATC	CCTGGGCTGG	TAGTCTTGGA	T'TCCATAAGA	AAGCAAGCTG
307251	AGCAAGCCAG	GGGAAGCAAG	CCAGTAAGGA	ACATCCCTCC	ATGGCCTCTG
307301	CATCAGCTCC	TGCTTCCTGA	CCTGCTTGAG	T'TCCAGTCCT	GACTTCCTTT
307351	GGTGATGAAC	AGCAATGCGG	AAGTGTAAAG	TAAATAAACC	CTTTCTCTCC
307401	CAACTTGCTT	CTTGGTCCCTG	ATGTTTGTGC	AGGGATAGAA	ACCCTGACTG
307451	AGACAGGGTA	TCTGTCTAAA	ACCTGGCGAC	AGGAGACTGA	TTAGCTTTCA
307501	ATGTCCCTCAC	CTACCCCACC	CTTTGTCAAA	GCTTAAAGTA	CAAAGACAAA
307551	AATAACTAAG	TTATTTTTCT	GCTATTTT'TA	CAACATCCTG	TCCCAGACTC
307601	CACTCTCACC	TCCAGAGTGA	CCCAAACCTCT	GCAGTCCTAC	AGTCACCCTG
307651	AATTCCAGAA	ACAGTGGAGT	GGCATAGGCT	GCTCATCCCA	GATAAGGAGG
307701	TCCTCCTAAG	TGCAAGAATT	ACCAGTGGCT	GGGAACTGGA	TCTGCCTCCA
307751	CACCCAGTTG	GGAGCAATCA	CCCCTTGGGA	ACTGGATTGT	CCCTCAACTT
307801	CGTAAGGACA	TCTCTGAAGC	TACATTTTGG	AACCAGAAC'T	GAGATAATGG
307851	TGAGTTGTGT	CCCAGTTTGA	GACAGCCTGC	T'FAAATAAGC	CTCTTCTTAC
307901	CTCAACCCTG	TTTTTCTCTA	CTTAGAGGAA	AAAC'TACTAT	CTGCACCCCA
307951	AAACGGGCTG	GAGTAGTTGG	TCTCCATCTT	TCTTTGACAT	GGCCTTGGTG
308001	ATAAAAATCC	CTCCATCCTT	TCTTTTGTCT	TTCTTTGGCG	GGTAGGGGAT
308051	GTGTATATGT	ATATGATGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
308101	TGTGTAGGCC	AGAGGCTGAT	GTCAGGTGTC	TTCTTTGACC	ACTCTGTACC

308151	TTCATTTTG	AGATATGGTC	TCCCACTTGA	ACCTGGGGCT	CACTGGTTGG
308201	CTAGTCTAGC	TGGGCAGCTT	GCTCTGAGGA	TCCCTCATGC	CTTCCAAGCA
308251	CTGGGGTTGT	AGGCAAGCCA	TGACAACGGA	CTAGCATTTC	CATTAACCCT
308301	GGAGATTTGA	ACTCTGGTCT	TCATACTTGT	ATGGCAAGCA	CTGTATCCAC
308351	TAGTCTACCT	CCCCAGCCAC	CTCCTATACC	TTTTCCCATC	AACTCTGCCG
308401	GC'TTTTCTTT	GGGACAGGTA	GCTGGATGTG	ACTTGTAATG	TTTCCAGCCT
308451	AGGACTTCAG	CTATAGTTTA	A'CATCTGAT	GT'TCTTAGGG	ACCACAGGGT
308501	GAGCCTTGTT	TACCTTACTT	ATTTTGCAGG	CTGGAGAAAC	TGA'GCCCCAG
308551	GAGGAGTTGC	ACGAGAGGGG	ATGGAAAAAG	TAAGGGGCTG	AGATAGAGAC
308601	TTGCTCTGTA	ACAGGTGGAT	CTTACATCCC	ACTCCTGGTG	ATACTGATAT
308651	ACATATATGT	ATATGTATAT	GTATATGTAT	ATGTATATGT	ATATGTATAT
308701	GTATATGTAT	ATATATGTGT	GTGTATGTGG	T'TTAATTTTC	CCTTTCCCTG
308751	CTATTACAGG	GAAGACACAG	CTGCCTCACT	TTTGCCAGCC	ACACAGAACA
308801	TGAGCTCC'TT	GTGGCAATCT	GTAAGGAACC	CT'TCTCGCTC	TCGATCTCCA
308851	CCCCAGATCC	CCTCTTCGGT	GCCCCGTAAG	CCCAAGTCAA	AGCTATTCCC
308901	AAGATGAAAT	GTCATTAGCG	TCCTCTACTC	TTGGAGACAT	ACTCCTCCTG
308951	CCCTTTACCT	CCTGTCACCA	CACTCTGCTT	TCCACACAGC	TAATCTGATG
309001	TAGCCACCAA	CAGGATTGGG	ACATGGCCTG	TCATGTGGAT	TTGTTAACTC
309051	CAGCAAAGAT	TATCTAAGGT	TGCTCTTGGC	TAGAAAGTTT	GGGTTCCCCA
309101	GTAAGAGCCA	GACAATTCTC	TTCCCAGCTC	TGTAAACAAC	TTTCCAATGG
309151	GGATGCCCGC	TCCTGATGCT	GTAGGGCCCC	AGTGT'TTCCC	AAGCCACCGG
309201	ACAGGTC AAG	CTGCCCTTTG	CAAGTTGT'TG	CATGCAGACT	GGCCTCTTTG
309251	T'TTCCCCCCT	CT'TT'TTCCTG	ACATTGT'AAA	TTCCAAAGAA	ATGCTTATGA
309301	TGTTAAATGC	CAGAGTCATC	TCTACCAGGA	ACAAGGAACA	GAAAAACCCA
309351	GCAGGTCATC	AAGTCTTTCA	ATCAGCAATC	TTCTTGACAC	GAACCCAGAA
309401	TATCAGTGAT	T'TT'TTTCAGA	TAACGCCAGA	ATGAGCATCA	AAGAAGTGGA
309451	CCACTGTAGG	AGTCAAGATT	GCTCCGGCAT	TTACCTAGCC	ATCTGTAGCT
309501	AAAGAGT'GCT	CTGTTAAAT'T	TGATGTGCAA	GTTCTCACT'	TACAGTTGTT
309551	AGGGAGGATG	GTTTGTTCTG	GACAGGAAGG	AATCTATCAG	C'TTCAGCTTG
309601	C'TGGCT'IGCT	GCTGGTAAAA	GCTCCTTTCT	CTCCTGTCAA	GCTGTTTCTC
309651	AAGTCCCCAG	CTTCCTCAGC	AATCAGTAGA	ATGAGCCTTC	TCACAGTGAG
309701	AGACCCGGAG	TTTACAGCTG	TAAACTTACA	GTGAGCACAT	CAGGCACTAA
309751	CATGCATGGG	TGGGATTTCC	AGGCACAAGA	GAGACTTGGA	ACATAGAAGG
309801	GAATCCCATG	GCCAGACTGT	CAGCATGGTG	GGGGAGGAAA	GATGAATGGA
309851	TTGTTT'GCA	GTCTCCCCAC	CCTTTCATCG	TTCTCAGTCA	GGATGGTTCC
309901	TTATAGCAAA	AGAGACCAAC	AAGAGATCAG	GAACCCAATG	TTTAACAGCA
309951	TGAGTGCCTG	GGTAATAGGA	AACAGAGAGT	AAGAAAGAGT	AAGTTCAGGC
310001	TGAAAT'CCCA	TCCGTTCCCTA	GAACAGAGAG	GGGGGTGAGG	GGCAAGGCTC
310051	TGCGGAATCC	TGGCAGGATA	CTCAGGAAAT	GCTCAGCAAA	CATGATTAAC
310101	ATTTTCTGTG	TGCTTCCGCT	TCATGCCCTC	CCTGTTGGGC	TGCGT'TTCTA
310151	GTTGCGTAGA	GTCAGCCAT'T	CCTCTTGCGG	CTGAGAGGAG	ACACCTTAGA
310201	AAAGGAAGAT	TTCTTTTGA	CATGGAGATT	CCTCTATAAA	AAGGCT'TTCT
310251	TCCGT'TCTGT	CATCAGCTTC	TCCTGTACCA	ATAACCAGTT	CAAAATAT'TC
310301	CTTACACCGT	AGAGGCATGT	TGGGCGTGAC	ATATAACAGC	GCCCCAGAGT
310351	CACAT'TTTGT	AGGAGCAGGT	TCTGAACCTCT	AAGCATCTCA	TACCCCCCCC
310401	TTCCCCCACT	GAT'TCT'TCTT	T'TTAACCTCT	GAAATGGCTT	TGAAAAATAC
310451	TTACACCTGTT	ACCACAGACT	TCCTTGCTCT	TGGCTGGCTC	ACTTAGTTAT
310501	TTAGCAAACA	AGT'TTTTCTA	GTGTCTCCAG	TGCACCACGA	TAGGTATACT
310551	TAGACGGAGG	CTACCATAGC	TGGAGAACAA	ACAAACAAC	AAAATAGGCC
310601	CTACCCTCAT	AGAGCTTTTA	ATCTTCTTTA	AATTCATAAC	TATAGTAAAT
310651	GATAAGAAGC	AAACTACGTA	GGCTAGAGAG	GAGAGATGGC	TCAGTGGTTA
310701	AGAGCACTGG	T'TGCTCTTCT	AGAGGACCTG	GGTTCAATTC	CCAGCACCCA
310751	CACAGCA'TCA	GAAACTATCT	GTAGCTCCAG	GTTCAGGAGA	TCCAATTGTC
310801	ATCT'TCTGGT	CTCTAGGGTA	CTGCATACAC	GTGACATA'PA	TACATACATG
310851	CAGGTGAAAC	ACCCACACAT	GTAAAATAAA	AATAAATGAA	TCT'TTATAAG
310901	GAAGCAAGCT	ATGAGAACAC	ATTAAGGAGA	G'TT'TCTCAGT	GAGGGGGGTC
310951	ACAGGCTGTG	GGTCTGGACT	CTGGATCTCT	CATCTTGGTC	TGACTTCCAT
311001	CTTGCT'GGCT	CGGTTGGT'ITG	CTT'TATTCAT	CTGCTGCTGT	TACTGGTGT'T
311051	TTACGATAAA	AT'TCCCAGTT	CCCCAAGTCC	TCACAGACTG	GGTTCAGTAT
311101	GGCAGCTGAA	GGGCAGAGAG	GAAGTTCAAT	CATTGACCCC	CGAGTTTATC
311151	CCAAGTACTG	ATGTGAA'TTT	TAGGTTCAAG	CAGAGGAAGA	ATTAGGGCAT
311201	TGGGAAAGAG	AGGTGCC'TAA	TCAAGCACTT	TTGGTCAGGG	TGTGAT'ATGG



311251	TTAATCACTG	TCTCAGGCTT	GCCTCTGCAA	GGTGGTTGGA	AGAAGTCCTT
311301	ATTGTATAAT	AAGGGACCAC	TTGTTTTTCT	CGAAGGGTTT	GTTTCTGCTT
311351	GGGGGTAATC	TCATCACC GG	CTGATCTGTC	TTCAAAAAGTC	TGTTTCTAAA
311401	ACCCAAGGTA	GGTTTGGGAC	AGTGTCTGGG	TTTTGTGGGG	CACAGAGCCA
311451	GACCATGGGA	AAGGCTGATG	GTAAGACACC	TCGGTCACTC	TCATCTTTGT
311501	GTCCTTAGTT	TTGAAGCAGG	ACAAAAATAG	GTTAGGTGTC	ATCAGGTTC
311551	AGGGGGGACA	CTCCTTAAGT	CATCAATGTG	CCTATATGCC	GAGCTTCCTAA
311601	GGAGTGGCCA	TTATGCCTTC	ACAGAGTTCA	GCTGCAGTCT	AGGGTTCGTC
311651	GTTATCAAAA	TTGAGAAGAA	CAAAAGAAGT	TACGATAATC	CACATTTCTG
311701	TTTCATGGTA	AAGATTTAAG	AGAGTAATAA	TATGTACAGT	TAAAAACATTT
311751	TTTAAAAATGG	GCAATTTTCAT	ATACTATTTGA	GGAATATATC	ACTGTATAGC
311801	CTTCAGTGAA	GAGCAACTGG	TGGTTATAGA	CATCCCATAA	CTATGGATTC
311851	CACATTAAG	AACCTCAAATA	ACCAAGAACA	GAAAGTATTG	GAGATTGTTT
311901	AGGACTGATG	TAATCCCTAC	CACATCCTCC	AACACACAAT	AGTAAAAATAG
311951	CTGTGACAT	AACGCTCACA	TTGCAATGGT	TACTAACAGT	GGTCTTGATG
312001	TGACAGTATA	CCAGGGAGCA	TGTGTGTGCA	TTATTTGCAA	ATACTATCCA
312051	ATCCCTGTAA	GGAGCTTGTC	CGTTCACATA	TTCTGGTACC	TGCAGGGGAA
312101	GCACTAGAAC	CAATTCCTTG	TGCATAACAC	CAGATGACTG	TATACATTAA
312151	AATTAATAATC	TTAAATATGG	GTTTGATTCC	ATTCCACAAT	GATTTTTTTG
312201	GGAAGACTGA	AAATGAATGG	ACAAACCCCA	TTACATCATT	GCTTCTAGGG
312251	CAAAGTGAA	ACAGAGAAAT	ACATGCTATG	AGAATCTATG	ACTTCTTAGA
312301	TCCAAATATA	ACTGGTTTTCC	TGTAGTATAG	TCTTTCTAAA	CGAGTGAATT
312351	ATTATAAAGT	AAATGAATTT	ACTTCTTTTC	AAAGAACATT	GAAAGAGTTC
312401	AATTTTCATA	CTCTTATCTC	TACTTAAATGA	TGTATTTTTG	CTTTGAAGCC
312451	TTATTGTTAA	ATTATTTCAAG	CACCACCAAC	CAGGGGAAAG	ACACAAGTTT
312501	AATTAATATC	TATTAATGAA	AAATGATGTA	TGAGATATAC	TGCTTATTAA
312551	AACCATCATT	ATAAAAGAGA	ACATATATCA	TGACCACTTA	TGTTTAAATA
312601	TATACAAAGG	CTCCAGTAA	TTACACAGTC	GTTCACATCA	GACTAAACTT
312651	CCCATTAATA	ATGAGAAAGC	ACATATATGC	AAAGTGCTAA	AAACAGATTC
312701	AATATCAGGC	ATGAACTGAT	GGGTATATACT	CGCACCTAAC	TGACTTCCTC
312751	CCTACATGTT	CACACGTCTG	CAGGAAACAG	GCTTAGTCAA	CTAGGGAACT
312801	TGAAGGAAGG	AGTAACAGAA	GGTTTGGTCC	AGCGGAGAGG	GAGAGCCCAG
312851	ATGTATGTAC	AGAATCTTGG	CAGAATCCTT	AAGTGGAAC	ATACAAGGCA
312901	AAATTCCAAA	GATCACAGCA	GAAAACAGCA	GCTGGAGTTC	AGAATTGATG
312951	GCAGAGATTT	CAGCAGTGC	TTGGCACTGG	GAAGATAGGG	TTTGAAGTTA
313001	AAATCCTATC	GACTCAGGAA	AACGGGACAA	ACATCTCTAG	AATCCAGTCT
313051	GTAAGGCATG	AGCAGCGTGC	CTCTGCTCTA	TGGAGCACAT	TCCCAGAGTG
313101	TGAGCCGTAG	CATAGGACTG	AGGACAAAAC	TCAACATGAC	GAGCTTAACA
313151	AGGCTTAGGA	AACAGCTTAC	GCCACAGAAG	GGGTATCCAC	AAGAAGCTCA
313201	GCTTCCAGTG	GTGTAAAACC	AAATACCTGT	CAGAGGAAGA	GAGCATAAAT
313251	TCTGCTCTCT	GCAACGTCCC	ACATACAACC	AGGATCAGGG	AGCTGCAAAG
313301	AAGTAGAAAG	GTATGGATCA	GAACAAAGAG	GAAAAACTAA	CGAATGCCAG
313351	AAAATAAAGG	GATCTCCACA	AAGCAAGTGT	GGGTAGACC	CAGCATATAT
313401	GGAACTTAAG	ATGACTATCA	AACTTCACAG	GGACAGATTA	ATATACTGTA
313451	TGAAGGTGTG	GAGGTTGTAG	AGAAAAAAA	TAGAGAAACT	CTTAAGGGGA
313501	AAAAATGGAA	ACTTTAGAAC	TGACACACAT	TCTCACAACT	GAGAAAATAA
313551	GATATCTGAA	GTTGAAAAAA	AAGACACCTA	AAATAATTGGA	AACATGTTGG
313601	CTAAGACTAT	CAGCAGTTTG	GAAGAAGCAG	AAGAAAAGAA	TGAGGCATTT
313651	GCAAAGTAAT	CAACAACATA	ACAGCAGTAG	CAGCAGCAGC	AGCAACAGCA
313701	ACAAAACCCA	TCAAGCTGAA	GAGAGAAAAT	ATTGTAAAGAG	AAATGAGCAG
313751	AACATCAAAT	ATCTAAAGGA	AAATGCCCAT	GAACATGCAT	TATCTGAAGA
313801	GTTAATAAGA	CCAAAGATAC	TTAAAGACGG	TTGACTTAAT	AACTTCCTAC
313851	ATTTGAATAG	TAATATGATT	TTGGTTTTGA	GACAGGGTFT	CTTTGTGTAG
313901	CCCTGGCTGT	CCTAGAACTA	GCTCTATGGA	CCAGGCTGGC	CTCAAACCTCA
313951	CAGAAATCTG	CCTGCCTCTG	CCTCCCGAAT	ACTGGGACTG	AAGGCATGTG
314001	CCGCCACCAC	CACCAAGCAA	TATGAGTTT	AAATCTAAGA	AGGAGGAGGA
314051	GGAGATATCT	TCCTCAAGTG	ATAAAAAGAT	GTATATACAG	GAGTCAAAGG
314101	AGAAGGATGC	CCAAAAAATG	TTTCATCAGAA	GTAACGAATG	GTATAGACAG
314151	GCAAGGATTG	GGCTTGAAGG	TATTTGCCACT	CATCTGTAAT	CTCAGTGTTA
314201	GAGAAGTAAA	AGCAAGAAAA	TCAGGCACTC	AAGGTCAATTT	TTTGGCTCCAT
314251	ACCAAGGTTA	AGACCAGCCT	GTACTCCATG	AGATACAGTC	TCAAACAAAA
314301	AGACTTCTCA	GTCTAACCTC	CCAGTAACAC	AGCATCCTCT	CCTTTAAAGG

CCTAA	AACC'TGTGAT	CCTCCTGCCT'
ATAGT	CAGCCACTCT	TCTTCCCAGA
AGTCT	CTGAAATTAT	ACTAAAGACA
ATGTG	CCCAAGAAAA	ACTTATATCT
TGCCT	GAACCATGAC	CCTGTCAGCT
ATT'IG	AGGGGAGGTA	T'T'T'CTCTCT
ATGTC	ACCC'T'T'FCAG	GAACAGAA'IG
ACCAA	AGGATGATAC	TCTGGACTCA
ITTAT	TCT'GCAGAAAG	TCGGCAITCT
AGAGA	CGCTCAAATG	AGTTTGCAAG
FTCGG	GGTAGGTGAC	CTCTATG'T'FA
ACTCT	ATTACGGGTG	TGTAGGGGGC
AACTG	TTGCTAGGGA	AGTC'IGGAAA
I'CGGG	CCAGGTGGCT'	GGGCAGCTGC
GGAAA	CAGGGATTTA	GGTGTTCCTTA
AGTCA	GCCTAGCCTT	CTCACTCCGT
GCAGA	ACCAAGGGCT	CAC'T'CTTCT
CAGAA	AAATCTGTCT	CAGCTGCCAT
TACTG	TGTCCACTGT	GGCCTGGGTCA
AGGTG	GCAGGACGTT	TCCTGGGGAG
GACGG	TGTCTCAGTC	TTTTTTGCTGT
TCTTA	CAAAAGAAAG	CATTTAATTA
GACTT	AGTCTATTAT	CATCATGGCA
CATGG	TGGTGGAGCA	GTTGAGTGTT
TCTTG	TCAAGAGTTG	CAC'T'ICAAT'T
T'FCTT	ATTCAAACCAC	CACAGCAAAG
CAGCC	CAGCCCAGTC	CAGCATAGTG
TGCAA	AGCA'ITGAGA	TGAGACA'TTA
CACTG	AAAAGTCCTC	'TCAAGCCCAG
GGCAG	CGTCCTGCAC	AACTTGTGGG
TTTTTC	TCCAGCAATC	ATTTACTGCT
GGGAA	TTGTAAGTTT	CTT'FCTTTCT
TCTTT	CTTCTTTCTT	TTC'TTTCTTT
TTTCC	TTCCCTCCCT	CTCCCTCTCC
CCTCT	CTCC'TCCTCC	CTCTTTCCCC
CCTCG	CCCTGTAGCC	CCCACACCAC
TGGGA	ACGGAGTGCC	CAGATAAACT
GGGAA	CGTTACGCAA	TGAACAACAA
ACATA	ACCACCCACC	CAAAGACAGA
AGAAA	CGCTACCCGG	CCAAAACACA
CGCCC	CCCAAAACCC	TGAGACGCAA
ACACC	GCCCCAATAC	TGAGGAGACT
AACAA	AATCCACATC	GCCAAACTCT
AAACG	CATGGACATG	GTCCGCAAAAT
CTCGC	AAACATATTC	TCCCAACAAC
TCTCT	ACAACACCTC	CCCCCAAATG
CTTAG	TCGTCCTTCG	TAGGAGCTAA
CTGCC	TCGTGAACGA	ATAATGGCAG
AAACA	GGAACCTGAA	TAAACAGAAA
AACAT	CGCCACACAC	CTTCTGCAGA
TAGAT	CGAGAATATA	TATAAAAACCT
AACAC	GCTACGAGTC	TCCCGCTTGG
TAGAT	CAGTCCATCG	CTCATGACGC
AGAAC	ATAACTCAAC	GAGATGCCGC
GCATA	TCTCATCCAC	GCTCACGCGT
AACTA	TAGACAGAAG	NCACGGGACA
XXXXXX	XXXXXXXXXXXX	XXXACTGTCTG
GTFTG	TGTTCCCTCTA	GTGAGTGCGT
GGCTT	TTCCTTTGTG	GGCTGT'TTTT
TGTTC	CTCTTCTCTT	GCCCGTGTTC
CTTTT	GCTCTATTTT	TTG'TTTGTGT
TTTGCT	TTC'TT'TTA'TT	TTTTTTTCTT

317451	TTGTCTTTTT	GTGTTTTCCTT	GTTTTTTTTGT	ATTCCTGTGTTT	TCTTTTTCGTTT
317501	TTTTCTCTTGT	TTGTTTTTGCT	TTCTGTCTTTT	CGTTTTTTTTTG	TTTTTTTTTGCT
317551	TTCTTTTITTTT	TTCTTGTCTG	GTGGTGGTGC	CTTTCTGTTC	GCTGTGCCCTC
317601	CCTGTCACAG	TGTGCGCATT	CTTTCTCCGA	TGCGCTGTGC	GTGGCGCCGT
317651	TGTGCCGCCG	TGCCGCTCGG	TGGCGACACG	CGTCACCCCT	CTCGTCGGTC
317701	CCCGTCTGCC	GTCGCCCGTC	GTGGCGCCCT	CCCCCTCTCC	TCGTCCCCCT
317751	CTCCCCGTCC	CCCTCTCCCT	CTCTCCCTCT	CCCTCTCTCC	CTCTCCTAGA
317801	GAATATTTTG	ATTTAAATTT	TTATGTGTGT	GGGTATTTCC	TCTGCATACC
317851	TGTGCACCAT	GTGATGTCAG	TGCCCTCAGA	GGCCAGAAGA	GGGCATCACA
317901	TCCCCCTGGGA	CCGGAGTGTC	TTGGTAGTTA	GCCACCACAT	AGGTAGGTGT
317951	GGGTTCTTAG	GAAGACCAGC	AAGTGCTCTT	AACTGCTGAG	CCATCTCACC
318001	AGCCCTAGGT	CATGTGTATT	GCTCCCCAGG	CTCGTAAGCT	ACTGTCCAGT
318051	TTTATGAGTC	GCCTTTTCAA	GCCGCTGTAA	GTGGATGCAT	GGATCAGTTT
318101	TCAAGCTATA	TCTTTTTTTT	TTTTTTTITAG	GCAGGGTTTC	TCTTTGTAGC
318151	CTAGGCTGTC	TTGGAATTTCA	TTTTTGTCAAC	CAGGCTGGCC	TCGAATCAG
318201	AAATCCACCT	GCCTCTGCCT	CCCGAGTGCT	GGGATTAAAG	GCGTGCGCCA
318251	CCATGCCGGC	TCGGAGCTCT	ATCTTTGAGG	GAAGAAAGGG	GAATGCTCAG
318301	ATCCAGATCA	AACCAGATTT	CTTGGGCCCC	AGGCCAGCG	TTAGCTCACT
318351	TCTGAGAAC	CAGACTTAGG	AGACAAACAA	TGTCAGGCTG	TCCTCTGCGG
318401	GTTTTTTTTGT	TTGTTTGT	TGTTTTGT	TTTTTCATTC	TCCTGGTTCT
318451	TAGAGATCTT	CTTGGTCTT	GGAATCAATA	TCTCCAGTC	TCAGGAGCT
318501	TCAGAAATGA	GTGAAACAG	ACCCAAATGG	CAATAGTGAG	AGATTTGGAA
318551	TGGCTGTATC	CATGGGGCCA	AAATAGTCAG	CTCAATAGAG	TATPAATTTTA
318601	TTAGCCTTGA	GGGTAACCTA	ACTGAGCTTA	TGAAAAAGCA	GAAGGAATCA
318651	CTTTATGGTT	CACAGGGAAC	TAAACCGTGA	GGGCAAATTC	AGACACAAAT
318701	ATGGAAACGC	CTCTGTAAAA	CCTAGCACAT	TCGTCTTTGA	TTTCTACATA
318751	CACTTACTTA	TTTGGCCATC	TAAAATGCC	ATGGAATTTA	ATGTGAATTG
318801	CTACATTTAG	CTTCTACTG	AAAATAAAAA	AAGAACTTT	TAAAACATTG
318851	AAAATAGGAA	GTATGACTAG	AGGCTATGCA	TAACTATTAT	CTTTTTTCT
318901	TTTTAAATTG	CAAAGTAAGT	AGGTACCGGG	TATGATGCTA	GACACTGAGG
318951	GTTTGAAGAG	AAGACAGTTC	ATCCCCAGCT	TCAAAGAGCA	AAGTATTCAT
319001	ATAAGGACAA	GGAAGAGAAA	GTTCTAGAAA	GGCAGCCACT	TGTATCTCTC
319051	TGTATTAGAC	CTGTCCGGAT	GCAGGAAGTG	ACTTTCCCAG	TCATGGTGAT
319101	CCAATGAAGA	GATCAGCCGT	GGGAGGAAGT	TTGGGACCAT	GCATAGCTTA
319151	CTTTGAAGGC	ATCATGTCTAT	TTCTGTGCC	AAGTTCCATT	GACCACACAA
319201	CTTCACTTTG	TTCCAAAGAG	CTGACTACT	AGGGATAGGG	ATATGTCAGG
319251	AACCCACTTG	AGAGGTTGGC	CATCATAGGT	CTCTAGTGAC	AGGCAGAAGA
319301	AGTGAGTCGA	AAGAGAAAGT	ACTGCTTTTA	ATGAATAGTG	CATCCA'CCA
319351	AGTCTTAATC	ATGGACTAAC	AGAAAACCAC	ACATCTGTGA	CCCCAGCAAC
319401	TCAGAGGCTG	TTTAGAAGGA	CTGTAGGTTT	AAGGAGAGAC	AACACAACAA
319451	ATAGATGCAG	AA'TTCTTAC	TACTAGATCC	CTAAATCTGG	ATCTTAGGTC
319501	ACTGTACTCT	TTAGAAGAGA	TACATTTAT	CTAGAAGAGA	TGCATTGTAT
319551	CTAGAAGAGA	GATACGTTGT	ATCTAGAAGA	GATATGATGT	GTCTAGAAGA
319601	GACACATTGT	GCCTAGAAGA	GATACATAGT	GTCTAGAAGA	GATAACTTGG
319651	GGAAAGACAA	AGTAAGGGGA	AGTTCCCTCC	CTAGGCCTTT	GCCTGACAGA
319701	TATAGATGCT	GAAAGAAATG	ACTATTCTTA	CCAGCCAAC	ACACAGAACA
319751	AAGCACTGTT	CTTAGGTAGG	GCATCCCTGC	CTGCTGACTA	CAAGACTCTG
319801	TCTCTGGCCA	ACCAGATCAC	CAACTTAATC	TCTTTGTAAT	GGCGAGGAGG
319851	CAAGAATGAG	TTCAAAACTC	TTTTGTCTTG	TCCAGAAACC	GTTACCATCC
319901	TTGCTCTTCC	TACAAGGAAA	CTGAGCTATG	GAA'AGTTAC	TGAAGTTGAG
319951	TGTAACCTGT	TTCTAAAAAG	CCATGAGGTA	GCATGCTAGG	CTTTGCTACC
320001	AGGCATGGTG	GGCAGAACAG	GCTAGAGATG	TAATTAAGTC	TGCACTTGTG
320051	ATGAGCTTCC	AGATGTATCT	TCTAGACATT	TTTTCCATGC	CATGGGCATT
320101	TGTGTTGTAA	AGGAGCTTTG	GGTCCACATT	CAAAAAAAC	AGAAGCCAG
320151	GGAAATAGAA	GCCCAAGTGA	CATGTGTCAC	TTGCCTGCTC	TTTGCAGAGG
320201	TGAGAAAGCA	CTCTTTCCTA	AGGTTAATGG	CTGGAAATAG	AATATAGGTG
320251	CTTCTCTCTT	CCTTCTCTCC	TTCTTCTCTT	CCTTCTCTCC	TTCTTCTCTT
320301	CCTCCCTTCC	TTCTTTCTTT	CTTTCTTTCT	TTCTTTCTTT	CTTTCTCTGT
320351	CTCTTTCTTC	CTTTTAATCC	CAGTTTGGTA	CTTTGTCTCT	TGTGATATTA
320401	GCAAGGGCTC	CCACGCATAG	GCTTTCTTTA	AGCTTGATTT	GAATATTTGT
320451	CTTCAACTGT	GTGAGAGGGG	AGAGAGTTGT	GTAGGAAGAG	CCTTGAGCAT
320501	AGAGCACTTC	CTCAAGCTCA	ATCCAGCACC	ATCTCAAACG	GGCTAGTGTG

320551	ATTTCAGGCAT	ACACTCCCTTG	GCTGTGCCTT	CTGGAAAATA	GGTATAAAC
320601	AACAGCTGCT	GACTTCTCCA	CATGGTCCA	AAACGAAAAA	GGAGATACTA
320651	GCTGTGAGTC	ATATATGTGG	GATCAAGGTG	TTAGGCAAGA	TAGGAAAGCA
320701	GTCTTTGGAC	ACATAAATCT	ATAAGCAAGG	TCGACACCAA	GATGGCCAGG
320751	ACCCCTTGCC	CTTACCCTTG	TCTCAAGAGT	GTATTAGCTC	TCTGCCCTTG
320801	GATATTTTCAT	TCCCTCCTCT	TCCTTCATGT	GACTTTGCTT	CCCCTTATTC
320851	CCAGTGGGGC	TTGAGCCACT	CTCTGTCATT	ACAAGGAGGA	GTGCTCTTTT
320901	GAGAGCAGAA	AGCTGACAAC	CCTAGTCATC	GTACTAGGAG	TTCTTGAGGC
320951	TTTACCTGTT	GAATATGGAC	ACTGAGGCTG	CCTGGCAACT	ACAGCTCCCA
321001	GCGGAGATT	ATCACAGAAA	ATGACCTCAG	TCCAGAGAGC	TTCCATGGGG
321051	ACTGTCATAT	GCTATGGCAT	GGCGAGCAGC	AGGTTTGGGA	AGGACGTTAA
321101	CATTATCCAG	TGCTTTTCAG	GC'TCAAGGTG	GGGAGTGAGG	CACGAGCGAG
321151	GCTGCTATCT	CTCTGACTTT	GCAGAGAAGG	CTAAAGCTCT	GGAAGGTCAA
321201	CTGGGTGCT	TAAGGCCACA	CAAGCTTAGG	CATGGGTAAG	TTAACATTTG
321251	AATCTGCAT	CTTTGAGGGT	CTTGTGCTAC	TCATACCAAG	GGGTATCAAA
321301	TATAGT'CAC	TCTAT'ITTTG	AAAGGAGAGA	AAATACACAG	GGAGCCAGAA
321351	TAATTACACT	GTCTTAACCA	GAGGCTGAGA	TCACAAAGGC	CCTGTAGTTT
321401	TGCCTTCAGG	CAAAAGTGGG	GTCAAGCTGT	TGATTTAAAA	TGAAAAAAAT
321451	GAAATTCTTA	CATTTCTCTT	GAGACGAGGT	ACAGAGGTGC	TTTTTAAACA
321501	ACATTTCCCT	TTCAAACATG	CCCGCAGGAA	ATGCCCGTGC	CAGCCATGCA
321551	GGCCTATTA	TGGTTAAAGG	GCAAGGGTCA	CAGTGAGATA	CAGTGCCCTT
321601	AAAATAAAGT	TATGAAACCG	TATGAGTCTG	GCAAGGAGAA	ATGAAAGGAA
321651	ACACAGAATG	TTCTCAGATA	CATAGAAAGG	GTTT'IGTTTC	ACAAC'TCTC
321701	TAAACAAATT	CTAAACCTTG	TGTACTTCTA	GGAAGCCGGG	CAGT'AGCGA
321751	CTACCCCTGCT	GC'TCGCAGCC	ACTGCGTAGC	ATCGTCAGAG	CATGACCTGA
321801	CTTGTGAGCC	TGCTGCTCCT	GAGCAAACAC	GTGC'ITTCCT	GGTAGTGATT
321851	CTTAATGTTT	CTGCTGGAAG	GTTGATGGTG	CTCTGAGCAC	TTTAGTTGGG
321901	AACATAGATT	TTATTGAGTG	CCTAGTCAGC	TGTGACCAAG	TTACAAAGGC
321951	TACACATAGA	GTCACGTACC	AGCTCTGATA	GGGAAAAGCA	GGCAAGCCAT
322001	CTAAGAGTTA	TGGCTTCTCT	GTTAGGGTGA	GAAC'TACAAT	AAAAGTAGGC
322051	CAGGGTACCT	GGGAGAGTTC	AACAAAGGGT	ATCCAAGCCA	GTGTTGGAAG
322101	TTCAGCAAAA	TGTTCCCTGGC	TCAAGTG'ITA	TCTAAAGCAA	GGCCCCAAAG
322151	ATGGGGAGCT	AGTGGGGTAT	GTCTTAGGGT	TTTACTACTA	TGCACACCAT
322201	GACCAAGGCA	ACTCTTATAA	AGAACAACAT	TTAATTGGGG	CTGGCTTACA
322251	GGCTTAGAAG	TTCAGTCCAT	TATCATCAAG	GTGGAACATG	GTGGAACCTG
322301	GGCAGGCA'IG	GTGTAGGAGG	AGCTTAGAGT	TCTACATCTT	CATCTGGAGG
322351	CTGCTAGCAG	AAGACTGACT	TCCAGGCAGC	TAGGATGAGG	GTCTTAATGC
322401	CCATAACCAC	AGTGACACAC	ACACTCCAAC	AAGGCTATAC	TTACTCCAAC
322451	AGGGCCACAC	CTTCTAATAG	TGCCACTCCC	TGGGTGGAGC	ATATACAAAC
322501	CATCACAGGG	TGTTTTGCTT	TCCTTTCCCTG	CAGAGAAGAG	AATGTATGGG
322551	AAGGGCCAGA	AGAGAATATG	TATGCTCTGGG	AAGTTGAAAG	GGATTCTGTG
322601	TGGCTAGTGG	AGATGGTTGA	ATACTCAGGT	AGAGACTTGT	CTTATACACT
322651	GTGTTAGAGA	CTTAAGGATC	ATCAGAGATT	TAAGAACGAG	GATACGATGG
322701	TAACCTACAT	TTTAGAAAGA	TCATGAT'TCT	GGGCATGTGT	ATCCCAGAAA
322751	CCCTGCAGAT	TTGGAGCATG	AGATACAGGA	TGGGAAGAAG	AACAAAAGCA
322801	TGAGGTGGTA	GCTGTGGTTC	ATACTCTAGA	CGGTCATGGT	CTAGTCCAGG
322851	TCATA'ITGCC	AGACATGAGA	AAGAAGAAAG	CGGTCTAAGA	GCTCCCTTAA
322901	GAAGTTTATC	AGATCAACAA	GACTCTGTGT	TGGATTCACT	ATGAGGGTTA
322951	TATAGGGAAG	TGGTCCAGGA	TGCACGCGGT	ACCCAGGTTT	CTGGGATGTT
323001	GATGAGATCA	GTATCTTAGT	TACTGAGCAC	TGCAGAAGAA	ACAGATATTT
323051	TTGAGAAGTG	TTAGGGAGTT	GTATATTAGC	TGTTCTCTTG	TTACTGTAAA
323101	AGAAAAAAAT	TGCAATGAAA	GGAAC'TTAAG	GAAAAGTTCT	AAGGAGTAGA
323151	GTTCATAATG	GCAGAGAAGG	CATGCCAGCT	AGAGCAAGAT	GGTCACACTG
323201	TGTACACAGT	AAAGAAGTAA	GGGCTGGTTT	CTGTTCCCTTA	GCTTGCTTCC
323251	TCTTTTGGCAA	TCATCCAGCC	CAGTGCTACT	CACAGTCAAG	TGACATCATT
323301	CT'IGCCCAGC	TAAACCTTTC	TGGAAACACT	CTCCGACACA	TAGGCACAGA
323351	GCTATGCTTA	TATGGCGATT	CCAGCCAAGG	TGGCATTGAA	GCTTAACCAT
323401	CACAAATCCA	ATTTGGCAAA	TGATGCTGGA	AACATGTAGG	GTGACCAGAT
323451	GGAGTTCTTT	TCATAAGATT	GTAT'TGGCCA	TGGACCCAAA	CTTCT'GGCCA
323501	TTCATGTGTT	GTGATA'PAAA	CCATGGCCCA	ATTATACTCA	TAGGTGCTAC
323551	CAGAAATAAT	GTAGCAGTAT	GGGGAGAGGT	CTGTTTAGAG	ATATCTAGAT
323601	AGGAGGGTGA	CAGCCTTCTC	CTGCTGATAC	AAGGAGTCAG	CCCTATGGAA

323651	AGCAGAGGGTC	ACTGGGACTT	CAGACCTTGA	TCTATTTTGT	CTTCTCAGCC
323701	AGAAAACCTCT	AAGAAAAATC	TTAAATAAGA	TTCCTCACTCA	AGAAATCCCC
323751	AACTAAGTGA	TAGCTTGGCA	TTCTATTTTT	CTACCTTATT	ATGATTATGG
323801	AAAGCAATAC	ATTGCAGTTT	TTAAAAAAC	TGAAAATGAA	TGTTTTAATGT
323851	GTATCTTATC	CTGGACCAGC	GATGAGAGGT	ATGATCCCT	GCTGATGCTA
323901	TGCAGAGGCCA	ACGACCCACA	ACTGCTAGTC	AGGCAAACTG	AGGGATGCCC
323951	CATGCTCCAC	ACTAGTGGTT	CTCCACCTGT	GAGTCGTGGC	CCCTTTGGGA
324001	AGTCAAATAA	CCCTTTCACA	GGGGTTACCT	AAGACCATTG	GAAAATGCAG
324051	ATATTTACGT	TAGAACTCCG	AACAGTAGCA	AAATTACAGG	TATGAAGTAG
324101	CAATGAAAAAT	AATTTTATGT	TTGGGGATCA	CCAGAACAGG	AGGAACTGTG
324151	TTAAGAGGGTC	ACGTCATTAG	GCACCTCTGC	TCTACAGTGA	ACTGTGTTGC
324201	TAAACTGTGA	CACTCCATAG	GCCATGCTAG	TAGGAATATG	GAAGACATTG
324251	GTGCTAAGGG	TATTTTGAAC	TGTGCATACC	TGGCTCTAGA	GGTTTCAGTG
324301	AAGAAGAATT	TTAGTATGTG	TCCTAAGAGT	GTTCTTGTGG	TATCTTGGTG
324351	AAGAAAGTGG	CTTTGTTTTG	CCTTTGTTTG	AGGGGTCTAC	CTGAGACAAA
324401	GGTAAAGAGA	TTTATATTAA	TTGCATTGAC	AAAGGAAGTC	TCAAAGAAGC
324451	CCAGCAGAGA	CTTTGCTCTT	ATTCTATGGT	TTAGCCTCAT	GAAGAGCATT
324501	TTGATCAAGC	ATAGCAAGCT	TCAAAAGGAA	AAGTACAAAA	TGGAAAAGAA
324551	CAAAATGTAT	GGTTCAAAGA	ATAAAGGGGC	AGCAGGAAGT	AGAATGGAGC
324601	TGAATCCTGC	ATTCAGGAG	ATAACAGAT	TAAGGGAGTG	TGACCTCTT
324651	GGCAAGGTTT	CACACAGCTA	AGCTTATTGT	TTATGTGTTT	GCAGTTGAAC
324701	AAGGGCACTG	CCTGATTATG	GTTTTCATTT	GGACTTTTAA	TCTGGAATGA
324751	ACTACAATCC	AGAAATGGAG	GAGACAGGCT	TTTGATCTGC	ACCTTGAGGG
324801	AATAGTGACC	ATGGAAAGCT	TAGGGTACAG	GCCTTGAATC	CCAGGAGACA
324851	GAGGCAAGCA	GATCTCTGAG	TTCAAGATCA	GTCTCTAAAG	CAAGTTCCAA
324901	AATAGCCAAG	CTTAGGTTAG	AAAGGAGCTG	GAAAACAGAA	AGCTGGTGAT
324951	AATGTAACAG	AACAAGGGGG	TCAGGTTCCA	TCCCCAGCAA	ACAACAGACC
325001	TTGGCAGCTT	TGGCCATGTA	GCTCTGGCTT	TAGAGTCAAG	AATAGAAAGG
325051	ACTACTAGAA	CAATTGATGC	TTGTTGGCTG	GAGCTAAGAA	ATTAGCAGTG
325101	ATTAAGAAGA	GACCAACATC	ATTGATCTGA	GAAGTAACAT	TTGGGGGGAC
325151	CTAAGGAAGC	TGTGTTCCTAG	GGGATAGCCA	AGGTGCCTTG	TGCTTCAGCT
325201	GGAGTCGGTA	AGAGTCACCC	AGGTGATAC	GCTTTTGAAG	GCATAAAGGG
325251	GTCGTGGAGA	GCAGCTGAGG	CATGTCATTG	TGAAAGGCCA	AGGAAGGCCA
325301	CTGGTGAAGA	GGCCCAGGAC	TGAAGGGATC	ATGCAAAGAA	GTTGAGGCTT
325351	GGCACCATGA	AGGTAGTCTA	TGAGAGGCCA	TGGGTGAAGC	TTAGATGCAG
325401	TGAAAAACCC	CATGTATTAG	AGATGCCAGT	ACCATAGAAT	ATTAGCAAG
325451	AACAGCAGCA	GTAGCGCAT	GGAGCCAACC	AGAGCCTAGA	GTGCTACAGA
325501	GGGCAGAGCT	AGGCAAGAGA	GCCAAGTCCT	TTGGAGGAGC	CCAAAAGATC
325551	ATGTGTGGAT	CCCAGACATT	GTAACAAGAA	GCTGTGAAGT	CAAAGTTGCC
325601	TTGGAGACCC	CAAGGTGTTA	GAGACGTCAA	AGCCATGGGA	TTTCTGCTGA
325651	GGAAAGCGGC	TAAGTGGGAG	TGAAACCAGT	GCAGGAGGAA	GAAGTTTGT
325701	GTAGTCAACA	AAGATGAGAG	GAGTTGAGAA	TTTCAAGAGC	ACTTTGACAT
325751	CAGATGTGGA	GATGAAGAAG	TTGGAGTTTA	CCAGCTGGT	CCAGCTTTT
325801	TTCACTGTGA	TGTTTTGGTA	TGGTAATGTA	TATCCCGTGA	TGTTTGAGGT
325851	TTGTCATCTG	TTTTTTGATT	TTGACTTTAT	AGGAGATTAC	AGCTAAGTGA
325901	TTGAATAAAT	CTCAAAAAAG	ACTTTGAACT	TTGGACTTTG	AACATTGTTG
325951	AGACTGCTAT	AGACTAAGGG	GACTTTTGAA	ATTAGACTAA	ATATATTTT
326001	GCTGTATTTA	TGTATTGCCC	CTGATATTAT	CATGTCTTTG	AATAAGCCTC
326051	TGGAGGCCAG	GGAGTGGAAT	GTGGTCGTTT	GAATACACTA	GGCTCAGGGG
326101	TAGCACTATT	AGTGAAGTGT	GGCCTTGTTG	AAGTAGGTGT	GGCCTTGTTG
326151	GAGGAAGTGT	GTCAGTGTGG	AGGTGGGTTT	TGAGTCCCTC	CTCCCATTTA
326201	CATGGGGCAT	AGTCTTCTGT	TTGCCTTTGG	AACAAGGTGT	AGAAGCTCTA
326251	GCTCCCCCAG	TACCATGCCT	GCCTGGACGC	TGCCATGCTT	CCAGCCATGA
326301	TGATAATTGA	CTGAACCTCT	GAACCTGTAA	GCCAGCCACA	ATTAATGTTT
326351	TTTCATAAGA	GGTACCTTGG	TCATGGTGT	TCTTCACAGC	AATGGAGACT
326401	CTAAAACACC	TCAAAAATAA	CACACACACA	CACACACACA	CACACACACA
326451	CACACACACA	CCAAAACAAA	GCATAGAAAA	CATCTCATCG	TGGTAGCTGT
326501	AGTATCTCAC	AATGTGTCTC	ACAGTGTATT	CCTCTGTCCA	CACAGCTTCA
326551	CTCGCAAAAT	TTCACTGCAA	GGAGTCATTG	GTCTGGTTTG	AGCTTCTGTG
326601	ACACCATCAA	TATTTGGATT	TCACCAGGAC	TCCCATTTGT	GCTCTGCATC
326651	ATGAAGATCC	TGCAGCTTTG	GAACAGTAGG	TCTGCTCCTT	TCACAAATCC
326701	CAACCATTTG	CAGACGATAT	TGATTTTGGG	GTGGGCCAAC	TTAGAGCCCT

326751	GGATCTGGGC	CTGGGTGGCA	GCTGAGCTGG	TCAGCAAGCT	GGCTFTCCCT
326801	TATCTGCACC	ACCAGGGCAA	GCTCTCTAGC	ACTGCTCTGG	CTAGGCTAAC
326851	CATCAGTAGG	AGACAGGGTC	AACTCTCCTG	GTCTCATGCC	TTCAGGCAGC
326901	TCACCGTAGC	CTTTGCCATC	AGGGCCAGCT	CCACTGCATT	GCCCAGGTGA
326951	GGTGCAGGGC	CCACTCTCCT	GAATGCTATA	GCTAGCAAGA	GGTCAGGGCT
327001	AGCTCTCTCA	CTCTTATGCC	CTTGGAGCCC	GCCTCTCCTG	CTACTGCAAA
327051	GGTTCAGGGT	CAGGGTTCAGA	GAGGGCATCA	CCCCTGCACC	TAAGTCACGC
327101	TCTTGCAGAC	AAATGACAGA	GGCAGCTATC	CTGTGCTCTT	TACCTCAGGG
327151	CTGGCTTACC	TGTCTCCCCC	CTGACCCCCA	CCAGAGGCAG	CTCTACTGTG
327201	CTGTCCAGAT	GAGGTGCCCC	ACC TGCTGTC	CAGAGTGCTG	CAGCTGGCAC
327251	CCACACCACC	AGGCAAGGGA	GGGCCAGCTC	TCCCTTGATC	TTGCCCTCAG
327301	GGCTGGCTCA	CCTGAGGCCC	CTCTGATCGT	CAACTTGATG	GGATTTAGAA
327351	TCATATAGGA	GACAGACGAA	CTTCTGAGCA	TGTCTATGAG	GGCATTTTCT
327401	GAGAGGTGTA	GTTGAGGTGA	GAACGTGGGC	AACACCATTG	CACAGGCTGC
327451	GTTCCCAGTC	TGAGGAAAGAG	GGAGAAAGAG	AAGGGAACGC	CACCATTCAC
327501	CTGCTGCTT	CACATCTGTG	GCTACTGTCA	CCATCTGCCC	TGTACTTTGG
327551	CTGCCATGTC	TTCCCCACCA	TGGTGGACTG	CCCCCTCAAA	ATGTAAGACA
327601	GGATGAAAAG	TATTTCAATCA	CAGAGATGAG	CAAAACAAGC	AAAACAGAAG
327651	CAAGCCGAAG	ACAGGAAAGA	GAAATCAGAA	AGAGAAATGA	GGATAGCAAG
327701	ACAACAACAG	AGCGGGCGGG	GTGGGGGGAG	GAACAGAAAC	AGAAACATTG
327751	ACAGAAACAG	GAGCCTGGGA	GCTGAGCCAG	CCTCTCTGGG	TGGTGGGGCC
327801	CTCCCTCACC	CCTGTGGGCA	CACCCAGGGC	CATTGAAACT	TCCTGAACT
327851	CTTTGATAGT	CAGTAATTTA	GTCCACACCT	CCCAGGATGG	AAGTTAGCCA
327901	GGTTATTTAT	TAGTCAAGAG	ATTTGGAAAC	ATTATTTATG	TTTTCTGAGC
327951	TTCGGATTTT	CCCCCTCTGAA	GATGGGAGTA	ATAGGCACAG	AATTGTGAGG
328001	AGTTAAAGGC	GTAATGCTG	AAAGCCTTGA	ACTTTGCTAA	GATTTGAATGC
328051	GTTATCAGCA	AGTGGGAATG	ATTATTACTG	CTGGGTTTAG	TTGCCAGATA
328101	CAACAAATAG	AGAGAGAAAA	TAGATAATCC	CTCTAATCAA	TTACTAAACA
328151	CATTTCTCAC	GGTGAGACTC	ATATTCGAGT	TTTTAAAGAT	TAGTTTAAAT
328201	GTAGATTATT	TTTTTTTATCA	GAATCTCCCA	ATTTTAAAAA	TGTTTGTAAAG
328251	TACTTAAAT	CTCTCTGTCT	CTGTCTCTGT	CTCTCTGTCT	CTCTGTCTCT
328301	CTGTCTCTCT	CTCTCTCTCT	CTCACACACA	CACACACACA	CAGAGTAAAT
328351	AAATGTTAAA	AAAAATATTG	AAACAGAAACA	ACACAAAGGC	CTCTGATTGT
328401	ATCACTTCCC	AGCTGTTCTA	GAAGAATCTC	TGGCACAGAT	ATTGTCTTTA
328451	TTTTAAACCC	CGTATTCTGT	TCATCTCCGG	TCTCTCTGGT	ACTTCTCTTT
328501	TTTAAAGCTC	TGGATTATAA	TAACTTCAGT	TATCCTGATT	CTTGAGGTTT
328551	GGTATCCTGT	CAAGTCTGTG	CCCTCGATCC	CAGTTCFCGA	GTTCTGGCCT
328601	AAGGGGTTAA	CCCTGTAGCA	GGAAACCAGT	CCACCCTCCC	TGCCGCCTCT
328651	CCCAGCTGCC	AGAGGGGCAG	CAGTCACCTC	CCCTAGAGCA	GGTGGGTGCT
328701	TGCGGAACGC	AGACCAGCTT	CTATAGCCAA	AGGGAACAGT	ATCTACCAGG
328751	GGATACTGTT	AAGAAACCAA	TCTACCAAGG	GAGGAAGAAC	ACATTCACAA
328801	GACGGTCAGG	AATTATTCT	AGAATATTTA	TTTTCTTAAG	TTCTTGGCAC
328851	TTCCGCCTCC	TCTTCTTTTG	TAAGGAAATG	CACAGGCTGC	TTTCCAGGGG
328901	ATGCTGTGCA	GTAGCAGCCC	TCCAGATTCA	CAGACAGCCT	TTCCCTCTTG
328951	TTCTGCCGCA	AAAGGCACAG	GGAAGCCATT	CAAAGGAGCT	CTGCCTCAGA
329001	GGAGAAGCTG	GTTTCCCTGA	AGTATCTCTG	CTCTGGGGCT	TCCGAGTATG
329051	ACCCAATCAA	AATTAACCAA	CTCATCCTAA	TATAAGGCAG	AAGCTGATGG
329101	GGCAGTCTAC	TTTTTCAGTCT	CAAAAICTAC	GGCTTTTGTG	GTGTACCCAT
329151	TTCACTGACC	TGCCTTGTGG	GGACTTTCTG	ATGGCACAAG	CCAACGGCTG
329201	TGAATGTACC	CATGCTGATA	CTTTGAATGT	TAGAGATTTT	GTTCACCATG
329251	GATTTTAGAA	ACTAAGTTTT	ACTTAAATGA	TTTACATTTA	AATATTTATT
329301	GATTCCTGAA	TTGATTTGGC	ACCCAGGCT	GTATCTCCTT	TGTCTCTTTG
329351	TCTCACTCTA	CCGGCCCTAC	AGCAAGAAAC	TACTGAGAGG	CCAGCCTGTG
329401	CAAGCTGGCC	ACAGTGCTCC	CAGCTGCCTG	CCTTCTCTGA	CTCTTGTGCT
329451	CAGTGTCTG	TTCCCCCAGG	TCTTCCAGGA	AGCCTGACTG	ATCAGAATGG
329501	CCCAGAGAGA	ACAGGTGAGT	ACCCAAGTGG	GTACAGGGAC	AAGACACCTT
329551	TGCTTGCTTT	TTTGCCAGAG	GGTCAATGA	TGCTACAGTA	GACTGGCTCT
329601	TGCCCTACTG	CTTTGAGTGA	ATTAGCATAA	CGAAGCTCTT	TTCTGGGAAG
329651	GGGACTCTTC	AGGACCTAAC	TTCCATGGAT	CCCCCTCAT	CAGCCTTTAG
329701	GGAAACAGAA	GGAACATTTT	GATCAAGGTT	TTTCTTAGAA	AAGCCTCCG
329751	TGGACCTGTT	ATGGGAAATG	AAGCTGGTTT	TGTTTCTTTT	GATTAATCAC
329801	AGTGCCCTGT	TTCCAAAAGC	AAATGTGGCC	TTGCGTCCCT	CTAGGCACAG

329851	GCTGTGCTGT	GAAGGAGAGG	GCTTGAAGCT	GTCCCCAGGA	CCCACGCAGC
329901	CTTGTTTTCT	TCATCCTGTA	CGCTCTGCGG	AGTTCAGGTT	ACTCCCTTTT
329951	TTCCCTTTGT	ATTCTTGCCC	AGTAGAACCA	GATCTTTAAA	GATTTCTTTA
330001	CAGTTCTTG	AAAGCTGGAG	TGGAGAAGCC	AGCTGTGAAT	TATATAACAG
330051	CAAGGTCATT	TTTAAAGCA	ACAGTGGCTT	CCTATATAGG	CAAGGGGTAT
330101	TTCCCAGCCA	GTCTCTAAGT	ATAAAGAAAA	GCCTATGAAT	TTTGTGAAGA
330151	AAAATCAAGG	ACATTCTATC	TACGGTCCCA	CCCCTACTGT	CCTCTCTCAC
330201	TACTTTGGTC	AGGAAAAGA	AATTCCTAAG	ATGATGGTGG	GGGGGGGTGG
330251	TTGGGGGGGC	GTGTATGGGG	AGGGCGGGAT	GGGGATGGGG	AGTGTGGGTG
330301	CAAGTGGTTA	TGACAAGATG	ACCAAAACAA	CTACTAAAGC	AACCAAAAGC
330351	CTCCCAAAGC	CTTTTGAAG	AAAGACGGGG	GTGGGGGTGG	GGATTTTGT
330401	CTCTTTCTTC	AGGTGGACAG	AGAGCCATTA	TTCTTGTTCA	AAGTCACAAT
330451	AAAAGCAGAG	AAGAGGGGGA	GAAAGCTGTC	TAAAGTATAT	CTTTGTTC
330501	ACTTAAGAGT	CAGGGAGCTT	TATAAATAGC	CAGCCTGGCT	TTTTCTTTCA
330551	GGGGAGCCCC	ACGCTTCAAT	TAAAGCTCTG	CAGAAGCCTC	AGCTGCTTTC
330601	CTTTCTTTGT	CTGTAGACTA	AATCCCTC	CGAAGTGCAG	CCCCCTCTCT
330651	GGCATCACCC	AGGGGCCCTG	CTCCTTGACT	CTAGATAGTG	ATTTTCAAT
330701	GAAGGGCAAT	TTTGCCTTCT	AAGAGGACAT	TCTGCAACAT	CTGGTGTGTG
330751	TGTGTGTGTG	TGTGTGTGTG	TCTGTCTGTC	TGTCTGTCTG	TCTGTCTGTG
330801	TCCTGTCTCC	AAAAGCAAAC	ATGGATTGTC	AGAAGGAGCA	TAGCTTATGC
330851	AGTGAAGGAC	AGTGTCTGAA	GCACAGTCCC	CAGTATCCTC	TCAGCCCTGT
330901	CATCAGAGAC	CTGCTCTTCA	CCCTGCACCT	TCCAGGTAGT	TCAGGTAGT
330951	CTTTTCTTCT	TTGTGTTTT	CTGCCAGTAG	GAACATGCTG	CCAGCATGTT
331001	AGTAGAAGTA	GACTAGGGAT	GCTTACATA	GACCCCCAAC	ACACAAATGG
331051	ATTGTTGAAA	ATGCATGTAG	TGCTGACCCT	GAGAAACCTC	GGTCCACACC
331101	ATGCCAGGAA	ATCGAGTGGA	AACTCTCAGC	TTTGAGGATT	GCTAAGAATC
331151	AGGCTGCCTT	GCAGCAGGCT	TGGCCTCTCT	CCAACGGCTG	CTGTGAGAGA
331201	GTCAAAGCTG	CTGTAGGAAA	TGCCCTCTGG	CTGTGGTCAA	GGGTCCCCCG
331251	TGGAGTTGAC	TATGGGGACA	CACAGCAAGC	ACATCGTCTG	GACCTGGTGT
331301	TTTATAATTT	ATAGTCACAG	GGCGCTGTC	TCCAATTTAGC	AGCAAGCCAC
331351	CTGGCAACTG	TCCTGCCAGG	GAGGAAGCAG	TTATGCAGAG	GCCTACAGCC
331401	CCAGTCAGCT	GACAGCCCGT	GGTATATGGA	GATGGGAGTG	CTCAGAGCCA
331451	CCTGGAAATA	GACCCGACAT	AGATGGCTGA	GCACGAGGTA	CCCCTTCAGA
331501	CCCATCCGTC	AGCAGCAGGC	CCTGCCAGAG	GATGGCCTAT	TGAACATTTT
331551	CAGGAATAGC	ACCAGGAGCC	TGTCAACTGC	TTTCTTGGAA	ATACACTCAA
331601	TAAGGATGGC	TGTCTCTCCAG	CCGGCAGAGC	AGAAAGCCTG	AGCCTGGACCA
331651	GAAATGGCAG	CTCCTGGAGG	CAGCCTTCTC	TAGGACCTTG	AGAATTGGGGC
331701	ATCTGTTCTT	TTGGGCTGCT	TGTGGAACCT	CCATCAGTTG	CTGGAGTCAC
331751	TCAGGGTGGA	AAGGGACGTT	GAGATGGCCT	GCAGAGGCTC	CAGGTCCAGC
331801	TTCTTTCAGA	CAGCTTGGTG	CCCTTCACAC	GCATAAAAAT	ATCAACAGGC
331851	AGGAAGGTGA	CAGGTTAGAT	GACAAGCTCT	TGTCAGCAGT	GAGAATTCAC
331901	ATCGCCTGGC	AGTGAACACC	TACACACCTT	CTCTTATAAA	TTTCACCCCT
331951	AAGGACACCC	AAAGGAGCTC	CAGAAAGGGG	GTTCTTTCTT	TAAAGCCCCC
332001	ATCTTCCAGT	CATTCTGAGA	ATATATCAAA	TATATAGCAA	AAAAGCAAGA
332051	AAAAGCTTAC	AATTTAATTG	ACTCACTCCT	ACTATATGCA	AATCAACCTT
332101	TTCTTTCAGG	GAGGCCTGAT	GTGTCTGTTG	GCATTTGGCT	AACCTGGAAC
332151	CTCCCTTGAC	CTTTGGTTCA	GGAAGGGCAC	ATGTGGTGTG	GTTGGACTCA
332201	AAGAGCTCCT	ACAGACCCAG	GCATGGGTGT	CCTGCATGAA	CAAGAGACCC
332251	CAAACCTCTCT	GGAACATTCA	GGAAATATTG	TTCAATCCTA	TTTTTTTTTT
332301	AATCCTATCT	TTTGAATTGT	GAGAGAATTA	TAAAGTTTAT	CATAGAGCAT
332351	TTTATCTTGA	AGGGCTACAA	GAAAACATTT	GATGCCTACA	CAGAGCCACC
332401	ATGAGCTGGG	GATCACAGTG	CCAGATACTG	AAATTAGACT	TGTTTATAGT
332451	AAACAAGAAA	TGCTTTTGTG	ACGCATGTCC	CAAAATATTG	CCATTATAGT
332501	CAAACCTCAGA	TGAAGTGGGC	ATTGTTTGTG	TTGTTAAATC	TGGCCATCCA
332551	TTTGGGGAGG	AAGAGTGGGC	TACTTATTAA	GTTATGATGG	GAAACATAAA
332601	GAAAAAAGT	TAAATAGAAAA	ACATTTTCAGG	CAATCAAGGA	GGAAGGAGAA
332651	GGGTATTGAG	AGAGAGGGAA	AAAGAGAGAG	AGACTGGAAA	AGAGCAGAGA
332701	CAGGCAGAGT	GAGAGAAATA	GAGCACTGAG	GAGAGAGAGA	TGGGGAGGAG
332751	AGTCTCTGTG	GAGGATATGA	AGGATCTGGG	AAATGATGTC	TGCACAGGGT
332801	GCCATCTCCC	TGGGATGTGC	TCATGGGTTG	GCTAGCCCCCT	GCTCCTGCAT
332851	CTTCTGATGT	ACTTGTCTGG	CAAACTCAC	AGTGGCTGCC	AGAGAGACAT
332901	GAGTCTCCAA	GCTGCAACTG	CACCATTAT	ATCCATATTA	CCACAGATTG



332951	GGTTGTTCAA	GATACTGACC	TCCTGAAATG	GAGTCCTACA	AATCAGACCA
333001	GGCCTGAATG	GCACCCCCGA	ACCCAATAAA	AAGTGAGTTC	CCCTACCACA
333051	CGGAGACTCA	TAAGCAGAGC	CTCTCTCTGT	CTGAGCTGGT	CTCTGTTTTA
333101	CCCATAAGGA	AAGGGACTTT	GAGTGGCAGT	TCCCITCTTA	CCCCTGATCT
333151	GTATTTCTCT	ACTAAAGCCT	GCCTATTCTT	AAATCACTGG	AGTCGTTTTCT
333201	ACGGTGGCCC	CATTTAAGAG	TTCCCAGATA	TTTGTCTGAG	TCATCTGCTG
333251	GTGGGAGCTT	CTCAAAGGAC	ATCTTGCTCC	TGTCTGCAAG	CATAACAGAG
333301	TATCCTTAAT	AGGCTTAGGA	GTTAGTGCTT	GCCCCTGGGA	CAGGTCTCAA
333351	GTAGGGCTGG	TTATTGGTTG	GGCATTCCCT	CAGTCTCTCC	TCCATTCCCC
333401	ATGCCCTGTAT	TACATGTAAA	CAGGATTCAT	TTTAGGTTGA	AAATTTTGTG
333451	GGTGGGTTGA	TGTCCC'TATC	TCTCCAAAGG	GGTTCCTGTC	TGGCTACAGA
333501	AGGTGGCCTT	TTCCGGTTCC	ATATCACCAA	TGTTGTGAGT	CACAGCTAAA
333551	GTCACCCATC	ACTGCTTCTT	GGGCATATCC	CTCATCCCAG	CTCTCTGTCT
333601	TGTCCTAGAG	ATGCCCTGAG	CCTCCTCACT	CTGGTCAGTT	GCAGATTTCCT
333651	ATTCAATTTTC	ATGGCCATCT	CTCCTGTCTT	TCCCCACACC	TGATCCTGAA
333701	TCCCCCATTC	CCCTCCCTAT	ATCCCTCCCT	CCTAGTTCAC	TCCCTCCATC
333751	TTCATCTTAT	GACTATTTTA	TACAGATACC	CACAGCCAAA	CAGTGGACAG
333801	AGCTTGGGGA	CTCTTATGGA	AGAATAACAA	GGATTGCAGA	CTCTGAAGGG
333851	GATAGGAATT	CCACAGGAAG	ACCAACCTGG	ACCCTTGGGG	CTGTCAAGGT
333901	CTGAGCCATC	AACCAAAGAA	CATAAACAGG	CTGGACCTAG	GTAGGCCTCC
333951	CCACACATAT	ATACCAGGTG	TGCAGCTTGG	TCTTCA'TGTG	AGTCCAAACA
334001	ACTGGAGAGG	GTGCTATCCC	AAAATCTGTT	GCCTATACAT	AGGTTATGTT
334051	CTATTAGCTG	GGCTGCCTTT	TCTGGCTTCA	GTGAGAGAGG	AAGTGCCTAG
334101	CCTTGACAGAG	ACTTGAAGTG	CCAGGGTAAG	GGGATAACCC	AGGGCATAAC
334151	CATCTGCTCA	GAGAAGAAGG	GGAGGAGGGA	GGAGGGAGGA	GGGAAGGATT
334201	GTGGGAGGCT	GTGGAGGGGG	AGTGAGTAGG	ATGTAAAGTG	AATAAGTAAA
334251	AAAAAAAAAA	AATTAAATAA	AAAAAATCCA	GATAAAAGCC	AGTGTGATCT
334301	TTAAATTCCT	CTTGCCAAAT	AATACTCTTT	GACAGGGTGA	GACCAAATAT
334351	TTTAGACCCA	ATCCAATAGC	AGAACAAGGC	ACCCCTCTCC	ACTCCCCCCC
334401	CCCCATTCCC	ACATGGTGTG	GTCATTAGTA	GCTCTTCGGT	TTTCAAAGGA
334451	TTGGAATCGG	AACAGTAAAA	TGGACTCCGT	TGCCACAATC	TCGTGGAAAC
334501	GT'TCTTGTTG	TTGACGATGG	TTCAGAATCA	CTTTGCTAGC	TGCTTTGGCT
334551	TCAGGGCTGT	CATCTTGAGG	AGCAGAAGCC	CTGGCATCCA	ACAGCAGAGG
334601	CTTCTTGAGT	TGCGAGCGCC	CTTCTCTTTT	ACCCACAGAT	GGAGGTCAGG
334651	GTGGCCTAAC	CCCGAGGAAG	GCTTGGCAGC	TTTCTGAGGG	TGGAGATGAG
334701	AACTGGGCCCT	TCTGACAAAA	AAACGCCCTGT	GCAGGCTGGG	CCTGCCAGCT
334751	GCTGTGTCCCT	GGGAAGAGGC	TGCTTTTGCT	TAACCCCTGC	CATCTGGGTG
334801	GCAAATGTCC	TCCTCCCAGG	TCCCTGAGGA	CTCACCTTTA	AAGGAGATTG
334851	CAGGACCTTC	AGTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
334901	TCTCTCTGTC	TGTCTCTCCC	TCCCTCCCTC	CTCTCTTTCT	CCCTCCTTCC
334951	TTTCCCCCTC	TCCTCCCTCC	CTTTCTCTCC	CTCCCTCCCC	ATCCCATGCT
335001	CCCCCACATG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
335051	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGGA	GAGAGAGTCT
335101	ACACTTTTAC	TAAGTATAAT	TTCTCTCGTA	CCATCCACTC	TTTCTTTTGG
335151	TTTAGAGACA	GAATCTTTTC	TGGTCTGGAA	CTGGACAAGA	AGGCTAAGCG
335201	AGTTGGCTAA	CAAGCCTAGG	GTAGTGCTTG	TTTCTGCTCC	CCAGCCCTGC
335251	GATTACAACCT	ATTTGCCATC	ATGTCCAGCT	CTTTAAAAAG	TAGATTCTGA
335301	CATCAAACCTC	TGGTCTCTTA	TGCTTGCAAG	GCAAGCAATT	TGTCAITCTGA
335351	GCTGGCTGTT	TAA'TCCCCAC	CTTTTCTTCC	TTTGCTTCTT	AGCCATGGGA
335401	TGAATAGTTT	GCTCTGCTAT	CCACACACCT	CCAAGGCCAA	CCAGAAACCA
335451	GATCCGGGGC	CTAACAGCCA	TGGGTCTCTC	TGATAATGGG	TTGAAACTAT
335501	GAGCCATACC	AAACCTCTTC	ATTTTATGAG	TCATTTGTTA	CATCGACAGA
335551	ACTATGTCAT	GTTAGACCAG	GAAGCAGGCC	CTTCCCTCAA	TCCCAGGGGA
335601	GAGCAGAAGA	GACACTGTGG	GAAGCCACAT	GTGCCATTGC	AGGGTGGTGC
335651	TGGCTACCGT	TGGCCATCAT	GCATACATAG	GCAGTAAAGT	TTTTTGGCAA
335701	GATGAGGTTT	TGAGAATTAA	CCAATCGGAT	GAGAGAGAAG	TTAACCAATC
335751	AGATGAGAGA	GAAGTTACCA	ATCAGATGTA	GGCATGCAAA	TGAGGTGGTA
335801	AGCATAACCC	ATGCATAGCA	CCAGTTCTGG	GCTGGGGTCT	CTTTGCTTCT
335851	GCAATCAAGC	TCTCCCAATA	AATGTGTGCA	GAAGGATCCT	GTTCGAGCAT
335901	CGTCTT'GCT	GGCGAGTCAG	GGCGAGTGTA	AGAAGACACA	TAAAACATTT
335951	CAC'TATGCAA	ACACCCTACT	TCAGACACTG	AGGACTCTCA	GATCAGTTAC
336001	ATACAACACT	ATTAGGAAAC	AGCCAACATT	TACTGAGAAA	CCCCTTAGCC

336051	CGGGCACAAA	CAGTTCCCCA	ATCAGTCTTT	AACACTTCC'T	ACAGAGGGTG
336101	GATAGTGTCA	C'ATTTTGCTA	GCACTATTAA	GAATTATAGC	AACATTAGTA
336151	TTAT'TAGAGA	TACTAACCGT	CACATAATTT	CAGGCACGCA	GAGTAATGAT
336201	'TTAAGACATT	AAGCCGT'TGC	CTG'ITAAAGTC	AGTTGATAAG	CGAATGTGAC
336251	AGTTGAGATT	CATTTCCAGC	CTTCCTTGCC	TCCAGACACC	TTCTGTGCCC
336301	TTTGTGTAC	AGTGCAGGTC	CCAAAGCCCC	GCGGCACTGC	TCACCACGGA
336351	CAGGGTCCTG	GGAGAGTGAC	TTCACTCCCC	TGTGTCTT'T	CACCATGTGT
336401	AGAGAGTGGG	TAGGAGCAGT	GTCTCGATCA	GAGTCGTATA	GGATCAGTGA
336451	GTTTTTATTA	GGGAGACTTA	TCATCATTAC	CAGTGTATATG	ATTTTACCTA
336501	TGTCAAAGGA	GCTGACTGGG	CA'GGCAGCT	GTCAGCGTTG	TCTGGAGGAT
336551	ACAGAGGACG	AAGAGTCTTC	CCTTCTCTTC	ATCCTTCC'TA	TCCCTAGTAA
336601	GTCGTTATTT	GGCTCTGAGG	TAGACCCTCC	AAGACGGTCA	CC'TCTAGATC
336651	AGCAGGGCTG	TATATGGAGC	CCAGATCATG	GGAGAATATG	TTCTTCCTTT
336701	GTGTCCATCG	AGGTTCCTCC	CACTGAAATG	TGTCC'TACAA	TAATAATAAC
336751	AACAACACCT	ACAGT'TGATA	CATCTCCCTA	AGGAAGGCAT	CCTGGGTCAA
336801	GCTCTGCTCT	GGTGC'TT'TCC	ATATTTTGGC	TTATCTGATC	C'TCGAGCAAT
336851	C'TCAAGAGGT	AGCTAATGCA	ATCATCCTTA	CAGACAGCTA	AGGAACTCAG
336901	GCACAGGGGC	GCAAATTTAC	TTGTTCAAGG	GCCAAAGGTG	GCTTTGCTGA
336951	AGTTCAGAAC	ACAACAGTGT	CACAACATGG	GTTTGTGTAG	AAGTTAGGTC
337001	CAGTTCCTCC	TCCCAGGCCC	AAGCTCCAG	AACTAAGACT	CAGATTCAAA
337051	ATATATT'TAC	AGATATC'TTG	GCCATATAGC	CAGATTCTAT	GATGACTAAG
337101	GCCATAACTA	AAATAAACCA	ATTATTTTAA	CCTATATTCT	GCACATTGCT
337151	TATTACCTGT	GCTCTATCCC	AAAATTCTCT	CTGCCCTCCG	GATCTCCAC
337201	CTCCTATTTT	CTGCTTAAGC	CATGGGCCAT	AGGCTT'TTTA	ATTGACAGGT
337251	GATGCATCCA	TACAACATAC	AAGATATTCT	CTCTTCATAT	TTGTATATTC
337301	TGCCTTCTAG	CTGGATACTC	TGTGTTCAIT	TCACAATCTC	TGTGGTTTCT
337351	GTGTGGGTCA	TTGCC'TGGGC	AGTATTTCGTA	TATACTTCCA	CTCATGACCA
337401	AGGTGCTAGT	ACCTCATTA	ATGTATCAAG	TACTTTCTGT	GAAAGAATTA
337451	TCCAGGAGAC	TGAATTTCTC	CAAGCTTATT	CTCTATGTCT	GCTTATTGGT
337501	AATGAATACT	AGTCTGGGTC	TGTAGGTGAG	ATAAACATGG	TGCAGTAACA
337551	GATACACCCC	CAGAGTTAAG	TGTTCTACCA	CAGTGAAGAT	TTCATCCAGT
337601	AGAAACCACA	GGGAACCTCC	TTCCAGGTAC	CCAGGGGTCC	TGGATGTTTC
337651	CACCTTGTGC	CTCATCACCA	CGTTTCCATG	GC'TACAGTCA	AATGAGATGA
337701	GCAAAGTGGA	GAGGATGCTC	CTACTAACTT	CCCTGGCCTA	CGTTATATAC
337751	ACCTTCAATT	TCCTCAGTCC	ACTGACCAGC	AGAGTGGTGA	GACCCCAACC
337801	AAAGCAGGTA	AGAAAATGAG	AGAACAAATC	ATAGCCCCAG	GTTAAAAAGC
337851	AAATGTTAGA	AACGTTGTTA	ACCCAGTGAA	AGACCCCTT	TCTGGTTAAT
337901	TATGGCTATT	TATCTATTTG	ATCAAGGCAT	GGTTAATCTA	TCTTCATTCA
337951	GGAAATATTT	TCCTAATGTT	TCTGCTCCCA	CAGGCATCCT	CCTCCCCGCC
338001	CCGCCCCCCC	CCCAACCCCG	GGATATTAGT	GACTAAAACA	GGAAAACACC
338051	ACCACTTCAT	GGAGTGGCAT	TCTGTTAACA	AGTAGGGAAG	AAGTATAATT
338101	ACCATAGAAA	GAAACAAGGA	CAAGATGGAT	TGTGAGCTGA	TAGGTAAAAT
338151	GGTAGAAAAT	AAAACAGTGA	AAGGGAATCA	GTATGTATGT	GAGTCTGTGT
338201	GTGTAAGTGT	ATGTTTGCAT	CTGTGTGAGT	GAATATGTGA	ATGTGTAAAT
338251	GTGAGTGCAA	ACGGTTGTGA	GTGTGAATAA	AAGGAGTATT	ACTGTGTAAA
338301	TGTGTCAAGG	TGTAGTGT'TT	GTGCAAGCAT	GTGGAAGTGT	GTATTACTGT
338351	GGTATGTGCA	CAAGTGTGTA	AGACTGTATA	AGTGTGTATA	AGTATGTCTG
338401	ATATGCATAT	AAAAGTATGT	ATATATAATA	TTTGTATAAG	AGTGTGTAA
338451	CCTGTAAAAG	TATGTATGTC	TGTGCATGTA	TGTGTGTGTT	ACTCTGTGTA
338501	CTCATGAGTG	TAAAAATGTA	TAAGTATGCG	TGAATGTGTG	CATGCATGTT
338551	TATTGTATAA	GTTTGTGTAT	GTTTGTGAAGA	GTA'GTGAAT	GTGTAACAAG
338601	TGTATTTGTA	TGTGCGTGTA	ATATTCAAGT	GTATGTGTGT	AAGTGTCAAT
338651	GTGAATGTGT	ATAGAACTGC	ATAAGTATTT	GTGTGTGAGT	ATATGTATGT
338701	AAATGCATGT	TTATGTGTGT	GTTGGTACAT	GTATCTAAAT	GTGTGTGAAT
338751	GTGTAAGCAA	CTGTAAGTCT	GTGTGTGTGT	GTGTGAGTTG	TGTGTGAATT
338801	GTGTGTGTAT	ATGAGTTGTG	TGTGTATGTA	TGAGTATGTG	TGTGTGTGTG
338851	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	AAGCAGTTTT	AAACAGGATG
338901	GCTAGAGCAG	GCCTTTC'TGG	GAAAGTATTA	TTGAA'TAAAG	GCCCAAAGAA
338951	TACAAGAACA	CAGCAGAGCT	GGGAAAAACA	CCATCTGTGA	GGAGTGTGGA
339001	GGTCTTGGGG	CAGCATAGCA	TCTCCCATAT	TGAGGACATT	AGAGAGACTT
339051	CAGAGCAAGG	TAGTCAGGGC	CACAGTTGGG	AGGATGATGG	GGCCCTGTAA
339101	GAACCTC'TGC	CTTCCCATCC	TAGTCTCAC'I	CTTAGGAGAC	TGGAACCTG

339151	AAGTTCCTAGA	AGGATCCGGG	GTCTGCAGTC	TACATGCCTA	TGTGTCCCTCC
339201	AAAGTCACAT	GTCGACACCT	ATCCTAGTCT	GCCAGTATAT	ATCTGACTGA
339251	GTCCTCATCA	ACTTGTCTTC	ACTAAATAT	CATTGAATGT	GGTAAGTCCT
339301	TTGGGACATG	ATAGCTCAAA	GAGTAGAGCC	ATTCTGAGCA	GAAGCAGTGC
339351	CATAGAAGAA	ATCCCAGAGA	GGTTGGTGAG	ACGGTTCAGT	GGCTGAGAGT
339401	ACTTACTGT	CTCGTAGAGG	ACCTGAGTTC	AGCATCCACA	TCAGACATCT
339451	AGTACCCAG	ATACCCCTGA	CCTCCTGGGG	TATAGACACA	ACTCAAAATA
339501	AGAAAAATAA	ATCTTTAAAA	AAGGGGGGGG	GGAGAAACAG	AGGAAGGAAG
339551	GAAGAAAAGA	AGGAAGGGAG	GAAGGGAGGG	AAGCAAGGAG	GGAGGGAGGA
339601	AGGGAGGGAG	GGAGGGAGGG	AGGGAGGGAG	GGAGGGAGGG	TGGGTTCAG
339651	AGAGCACAT	GGCCCTTCTA	CCAGGTGAGG	ATGAAGAGGG	AACAACCATC
339701	TATGGCTAGA	AAGAGAGCAG	TCTCCAGACA	TAGGTTCCTC	CTTGACCTTG
339751	GCCTTTCCAG	CCTTCAGACC	TGTGAGTGT	TGGTGTTTAA	CCCACCAAGG
339801	GAGGGAGTTC	TGTTACAGAG	GGAGAGAGAC	ATCAGGTGAC	ATCAGGTGAC
339851	GGACCCCAT	ACTCTGGGAT	ACAAGCTCCA	TCTTTTCAAT	GAGATTCCTC
339901	TGTCTTAGAT	GCTGGGTCTC	AACCCAGGG	CCTTGCACGT	GCTAAGCAAG
339951	TGCCATGCC	CTCAGGTCC	CCTCCAGTTC	CTGCTTCATC	TTAGGCCTTC
340001	CGCCTTCCCT	AGAAGAACCT	GCTCTAATTC	CTGTGCATCC	TAGCTACATA
340051	ATTTGCAAGG	CCGAAAGCAA	AACCACAGGC	TTGGCATTTG	AGCTGTCCCT
340101	GCTCAAACT	CAGAGCAGAA	ATGAGCATTT	ACTAAACTGT	AAAGACTGTC
340151	GTTGCAAAAT	ATTTTACTAT	TAAAGTTAA	TAAGAATAAA	TAAGTATGATC
340201	ACTCAAAATA	TTTTGAATGG	AAAAGAAATA	GTCTGAGGTC	ATAATTTTGT
340251	GTAATAAGCA	ATACTTTTAC	ATTGTGTGT	TGATGTGAGA	GGTCATATGA
340301	TGTTTTTTGG	GCTTGTTTTC	TTGCTTATTC	ATTCAAATGG	TCGTTTGTGC
340351	TTTTAGCAAA	TGAATTTTCA	AGTGATGTTA	TTGAAAACAA	TGCCAATTGC
340401	TTTTGGCAAA	GGGAAATCA	CGTACTTTGA	GATACATTTA	ACTTTGATAA
340451	TAAAATCCAA	CGCAGTTGTT	GCTGGAACAG	GTATTTATGAT	CACATAGGTT
340501	GATGATGTTG	GTGTTGATTT	TTGGAAAATT	ATTTGAAATA	TGACTTTTAG
340551	TAAATCTAGA	GGTGATGACA	CTGATGAAAC	TATGTTCTGA	AAGATTTAT
340601	TCCTCTTACA	ATTCAACTTC	AAATATTTTG	GTATGAATTA	GCAGGTTTTC
340651	TGATAGATTC	TAAGACCTGT	GTGACTTGGA	GGGGGGGGTC	TTTGTAGTTT
340701	TCATACAAC	TCGGGTGCT	TTTTATATAC	TCAGTGGCCA	TATCTTCAGG
340751	CATAAGGAAA	ATCAACTTGT	AGGTGATTTT	AGTTGATAAC	TTCAAGTTCC
340801	TTTGAAACAC	TACATTGAGT	TATTTTCGTT	TTGTCAAACA	GAACCTACCT
340851	CACATTGAA	TTCTATTTCT	AAGCCGGTAG	AAATATGGTT	TGTATTGTGC
340901	CACAGTTTTC	AAAACAGAG	GTTCTCAACA	GTTGAAAATA	GCTGAGGTAA
340951	TCTCACGACG	CAGCTCTGAC	TATTCGTAGA	CTTATGATCC	TCCTGCCTCA
341001	GCTCAGCGAG	TCCTGGGGTT	ATTATTACAA	CACCCCTAA	GTCCATTACT
341051	GGAATGTTCT	TCTGTGCACT	CTTAAAGTTG	TTTAATAATT	TATTAAACAA
341101	CTTTCTACCT	GAGCATCAGC	TATCACTGCC	CTAGTGTGTA	CTGGAGAGGT
341151	AGCATTTGTC	CAGACGCCAA	AGGGAAAAGT	GTGGGATGTT	CTGACAAGCT
341201	GTGTCCACCA	CATGCCTCAG	GCTGCTCTGG	GAGAATCTCC	TCCTCTCTCC
341251	CACAGCTGTT	CCCGCTGACC	CTGCAACTGC	TCCTCTCGCT	GCTACACATC
341301	ACCTCAGCCC	CATGCCTCCC	CTTGTCATTC	TTTCAGGTCC	CCAGTGCTGG
341351	GGCTTACATG	TGGGTACTAA	GTCATGAGTC	AGCTATCACT	CACTGGCCAC
341401	TGGTATACTT	ACAAGCTGAG	CTTGCTTGTTG	GATGGTAGCT	TTCCATTGCT
341451	ATAAAAGGAT	GTCTGTGGTG	GTAAATTTAT	CAAGAGAGGA	GATTTGGAGT
341501	TTCTTCCTCA	TGGCTGGTTG	CCACCATTAC	TTTGGACCAG	ACAGCAGGTA
341551	ATAGTGGAAC	CATGTGCCAG	GAGTAAATAT	ATTCTAGCAT	ATGTATCCAC
341601	AGAACAGCGT	TTATTACAGT	CAAAGTAAGT	TAATGTAACC	AACCTCTCAT
341651	TGTATGTGTA	TGTGACAAGA	ATCCATTAGA	CTGCTCTCTT	AACAGATTTT
341701	TAGGGTAGAC	TCCAATATCA	TCCACTACAG	TCTCCACATT	GGCTCACCGG
341751	GCTCATTCAC	CCCCAAACAG	GGCTCATTC	CCCCATAACA	GTGCAGTGTC
341801	ATACAGATTG	GCCAGTCTCT	CCTCATCCTC	CTATTTCCCT	GTTCCCTTGC
341851	CTCACTATCT	TTGTTTTCTC	CCTTGCCTGT	TTTGTAATAA	AGTTTATTGT
341901	AAACATCATT	GTTGCTTGT	TGCATCTGT	CTGCTGCGG	CTGCTGCTGT
341951	TCACAGCAGT	AGGGCTGAAC	AGCGCAATGA	GGAATGTTTG	GCTCACAACA
342001	CTTGCTGTGT	GGGACTTTAC	ATAACAGGTT	CACTGACATC	TCTACTAGAC
342051	TATAAACCCC	ACAAAGGCGG	GGATCACATC	TGTCTAGTCC	ACACTTGTGT
342101	TCCTCTCTCC	AGGCCCTAGT	CCTACAAGGC	ATGTAGAGTG	TGCTCAGTCA
342151	AGCTTTGTTG	AAGAAAAACA	AAAAAGGAAC	ATTAAGTGTG	GTAACCACAC
342201	TAATATTTT	GAAGTAATTT	ATTTTCTTAA	AAGAGTCACA	TAAACCTTCT

342251	GTTTGACTAC	ACTTTAAAAA	GTCTGTATAA	GAAGGATGCT	ATCTACTGCC
342301	AAACTGACTC	TAGGAAAGTG	GCAGGAGTTT	GTCTTTTGGC	TTTACAAGTC
342351	CTCTGGCACA	TTGCCCCGTC	ACCAGTCTGA	AGAGTGGGCA	TTGAACACAT
342401	AAAATCACAC	CACTCAATAT	TTACTGAGCA	GACTGGGGCC	AGGGGTAACA
342451	ACAAGGTAAC	AA'TGGTTCCT	CCATGACTAG	CCCATCAGCA	CAAACAGGGA
342501	TGGAAAGCCA	CAGGGAAACA	GACTCAGGGC	CTGTAACGTT	TGCTAGTACA
342551	GATCCAGAAC	TATCTGAGAA	AAGGTATCAA	GTGCAAGGGA	ATGGTCTCTG
342601	AGGGAGTGCT	GTGGGTGTTC	AGAGCCTGGA	CATACTCTTC	GTGGCTATAG
342651	AGGGAGAAAA	AGACTTCAGC	CCAGACCCTG	TCTGGACTCA	AGTCCAAGAT
342701	GAGGCTTGGA	AAGCTTGTGT	TC'TGTAAAAG	GGGTGTTATC	AGCCCTGCTT
342751	TACAGAATTT	TTATTATGGA	GAGCTGATAA	GACCTGAAGA	ATGGATTAAAG
342801	AGGCTAGCAA	AGGATTAGGA	GGAATTAAAG	AATAACAATG	GTGTGATCCA
342851	AGGCACAAAT	ACTTAAACAT	TGGGAAAGAA	CGGATTTGGG	AGGATTAACG
342901	AATCAGCTGT	AGACCATGGT	GTTAGGAACT	CTCCAATTTG	GAAAAGTGTG
342951	ATAGCGGGAC	ACTTGAACAG	GCTGGGTGGG	GCTGGGCCTG	GTTTTTCAGCA
343001	CAAAAATGCA	TACGTTTCAGA	AAGGTAGGCA	AGAAAAATCAT	TCCAACCAAGT
343051	AACATAGTCA	GGTCTTATGG	TGAACTGGAA	CCCTATTCTG	GTCACCTGAA
343101	TAGGGACCAG	ACTTGGGTTT	CCGTCATATT	GGATGCATTC	CTTGTGGGAT
343151	AGCTGGTGCA	GTGGGACCAA	CAGCAACACC	TGAGGCAGAG	TGGTAAGGCC
343201	ACCATCTCTA	GATGTTGCTG	AGCATCCAGT	AGGTTTCATA	CTGGCTCTGG
343251	TGAAGTCACT	GAGAGATGGG	GTTTTTCAGG	AGCTAGGCAT	GAAACTAAAC
343301	ATGAAGACTT	CAGGCTGAGG	AAGCCTTGGG	AAGATCTTAT	ACATTTCCATG
343351	TGAGTTTATT	TGTTATATGA	GATCAACAAT	CTGCAAGGAT	TTTTTAAGGCA
343401	AAGAAGCCAG	AGATTATTTA	TGACCAATTT	TCTCAACAAG	CTCTGGAAAG
343451	CCAATTCACA	GAATCACTGA	TGTTATTTT	TTATTGCTGT	CTTTTATGGG
343501	GACTTTACTC	ATTTCTTAGA	GGAACAACCTG	TAGAGGAACA	ATTTGGCATGA
343551	AAGAGGGTTG	CTTGTGGTGA	GGTTGGTGT	TCTTGCCCTG	CTTGAGAGTT
343601	CTATTGCTGA	GGAAAAACAA	CAACATCCCA	ACCCCTCCATG	ACGCGACTCT
343651	TTCCAGAACC	TTCCATGGAC	ATCACATGTT	GTAGATTTGC	AGGGGCCTGG
343701	AGCTTGCAAC	ACATATTTCCA	GGGATGAGTT	GATACAGCTC	AGTTGTGGAA
343751	TCCTCTTTGT	GTAAGAGAGA	GAGAGGGAGA	GAGGGAGAGA	GGGAGAGAGA
343801	GAGAGGGAGA	GAGGGAGAGA	GGGAGAGAGA	GAGAGGGAGA	GGGAGAGGGA
343851	GAGGGAGAGG	GAGAGGGAAA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGACA
343901	GAGAGAGAGA	GAGAGAGAGA	GAGAGATCTT	GTTGTGCTTT	TTGTTTTCTT
343951	GGGTTTTTTG	TTGTTGTTGT	TGTTTTTTAA	GCTGATACTT	AGAAACATCT
344001	TCTGATGGAG	CAGAAGGCTA	AGGGACTCAC	TGATACTGCT	CTTCAAGTCT
344051	CTGCTGAGGA	CAAACAGGAC	ATCTCTCTGC	TGCTCTACCC	AAGAGAGAAC
344101	GTTTTATATAT	TTCTTTTATTT	AACCATTAAA	GAAGTGCCTC	AACACTCAAT
344151	GAGTCTCTTT	CTTATATGTA	TTTTAAATTA	AAGTAATGAA	GTTGACTTTA
344201	GTAATGAGA	GAGGTATCCC	ATATCCTGTT	CTCTGACAGT	TTTTCACATAT
344251	GACATAAAGT	GCATTTTAAA	AAATGATTTA	GTTTTACTTT	ATATGACATG
344301	GTGCTTTGCC	TACGTGTATG	TCTGTGTGAG	TGAGTGCATC	AGATCCTCTG
344351	AATCTGGAGC	TACAGACAGT	TGTGAGCTGC	CATGTGGGTG	CTGAGAATTG
344401	AACCCAGGTC	CTCTGGGAGA	GCAGTCAATG	CTCTCAACTA	CTTACTCATC
344451	TCTCTAGCCT	CTGTAATGGT	CTTCTGACAA	CCCTGGGCTC	CCATGCAGAC
344501	CCACTGGATT	GGAATGCTGA	CTCCAGCTCC	TGGCATCTGT	GTGATCTGGC
344551	AAGCTTCCTA	TATTTTATAG	GCTTCCATTT	TCATCATCTGA	GAGATGAAGA
344601	TAATAATAGT	ATCTATTTAA	AGATTAAATG	AGAAATCTCT	CGGAGTGGCT
344651	AGCTCAGTGC	CTGGCATCCA	CTGCGCCAGC	TGTAACGTGT	AGGATTATTT
344701	ATTACTGAAA	TCAGGGAGCT	GGAGGTTTGA	GAGATGGCAC	AGCAGCTAGG
344751	AGCACATGCT	GCTCTCAAAG	ACCTGCATTT	GACTCCTAGC	ACCCACGTGG
344801	TGGCTCACGA	CCATCTGTAA	CTCCAATTTT	AGGTGATCTA	ATGGCCTCTT
344851	CTGACCTCCT	TGGGCACTGC	ATGCATGTTG	CATGCTTACA	TTCAATATAGG
344901	CAAAACACTC	AAACACATAA	AGTTAAAACA	ATCTAAAATG	AGGGAGTTTG
344951	GGGATGCTAT	TTGGGTGGGA	GATCCTAGTG	TTGTGGCGAA	GGCCCTCCTT
345001	TGCACTGTGA	AGAAGTTTCT	GGAGACAGTT	GGGATGTTTA	CTCAGCAATG
345051	TGAATAGACT	TAACCTGACT	CAAAGGTGGT	TTAAAATGCT	AAGCTGTATG
345101	TCCTGCATAT	ATTATAAGAT	GAGTTAATAG	ATTAAAATTT	AAGTTATTTT
345151	TAAAGGAAAA	AGAAATCTCT	AAGAGATTTT	TATTCTCCAT	GAAGTTTACG
345201	CTTGCTAAGA	CTTTTGTGAA	TTGCTTTGGG	GTGTCATCAT	TTAGACTGTA
345251	AATGAAGGTC	CTTCAAGGTC	CACGTGTAAA	CAGTTGGGTT	GTGAGTCTGT
345301	GCTACCAGTG	GGAGGGGGCA	GACAGGTTTG	GAAGAGAGGC	CGGGTGGAAG

345351	GAAGGAGGTA	AGCCACTGGG	TAGGGAGTGT	GTCCCTTTAAG	GGGATTTTGA
345401	GACCCTGCCT	TTCCCTTCCT	CTCATTCCTT	ACCCACCCTG	GAGTGAGTAC
345451	CTCCTCCAGC	CTGTGGTCGT	GTAATGATGC	GCCTCTGCAC	AGTGATAGGA
345501	TGAGGCAAGC	CCCCCGAATG	CTCTGAAACG	AAGATCCAAA	CTAAACCTTT
345551	CTTCCTTGTA	AATTGTTTTGA	CTCGGGCATT	TTCTTATGAC	AGTAGAAAGC
345601	TGACTAGCTG	CTGGGTGAAG	CCGCTCAGAT	GACTGTTATG	CTAATGTCTT
345651	GTTTACAGGT	GTAGTAGAAT	ATTATTAATA	GTGTCAGGAA	TAGGCTATCT
345701	CTCGTAACAT	AGGACTCAAA	TTCCACTAGT	CATTGGTTGG	TCGTTTCTTC
345751	ATTTTCCGTT	CCCTCTTTAC	CCCTGTACTT	TTGTTTGTGT	GGTTTGTTTG
345801	TTTATTTTGT	TTGTTGTTTT	TTTGTTTTGT	TTTTGTTTTT	GTTTTTGTTT
345851	TTTTTTTTTT	GAGACAGGGT	TTCTCTGTAT	AGCATTTGGCT	GTCTTGGAAC
345901	TCACTCTGTA	GACCAGGCTG	GCCTCGAACT	CAGAAATCTG	TCTTCCATGT
345951	ACTAGGAAGT	GCTGGGTGTG	TTACCACTGC	CCACCATAAC	CGGCGATAAC
346001	ATTACAGGCAG	GAAAAATTGT	TACTAGAAGG	TTTGGGAGGG	GTAGAAAGAA
346051	TTAGAAAATT	CAACCAATAA	GTTTCGACAA	GAGATCATGT	TAGGATATTC
346101	ACAGTAACAT	TCTATCTCTT	ATAAGTTGAC	CCTAATTAGA	TATTGTGATC
346151	TCCTCTCGTC	CTATGGGTAT	GACTTGTCGT	TGTAATAACC	TCCATTCCTG
346201	ATTTTTATAC	ATACATCCTC	CCCATACTTG	ATCCCTATTA	CCCTACTATA
346251	CCCCTTTTCC	CATGACAGAT	TCCTACATTT	GCTCATGCCA	GATGTATGAA
346301	ATATTACATA	TTTTCAGAGA	AATCCAAACA	TCATTCCTTG	GACATTCACT
346351	GATACTTACC	CTCTTTGAAT	CTGTCGATTG	TACGATGGCT	ATCCTGTACC
346401	TTAAGACTCA	TGTCCTACTA	TACAGTAGGT	ACATATTACA	CTTGTGTTTA
346451	CGCAGATGCA	TTCTCTGACT	CACAATGATA	CTATCAAACA	CACATCCAAC
346501	TGCCTGCAAG	TTACATGATG	TCATAGACTT	TAAAACTGAG	CAATATGAGC
346551	ATTGCGCAAA	CGTACCATAT	TGTGATTATC	CATCCTACAG	TGTAGGGATA
346601	TCTAGGATAC	TACACAGGAA	CTGCCTATGA	TAAAATAGAT	GTTGCTGCGG
346651	AACATAACCG	GAGCCAGTAG	TCCTGGTCGG	TCAGGATGGA	TCCATTGTCT
346701	CGGGTATACG	ACCTGAAAGA	GTGGCATAAC	CTGAGCTAAT	GAAAAGTAAA
346751	AACTAGATGC	ATGTTTTCTT	GAGTAACCCC	GCCCAACATT	GGATTTTCCA
346801	ATGXXXXXXX	XXXXXXXXXX	XXXGTTTAAG	TGTCAGGAAT	AGCCTATCTC
346851	TCGTTACATA	GGACTCAATT	CCACTAGTCT	TTGGCTTGTC	GTTTCGTCTAT
346901	TGTGTCCGTT	CCCTCTGTTA	CACCTGTACT	TTTTGTTTTT	GTTGGTTTTTC
346951	TTTTGTTTAT	TTTTGTTTGT	TGTTTTCTTT	TTGTTTTTGG	TTTTTGTTTTT
347001	TTTGTTTTTG	TTTTTTTTTT	TTTTTGAGAA	CAGGGTTTCT	CTGTATAAGC
347051	ATTTGCTGTC	CTTGGAACCT	ACTTCTGGTA	GATCAGCCTG	TCCCTCGTAC
347101	CTCAGAAAAT	CTGTCTCTTC	CATGTATTAG	GATTTAAAGG	TATGTGTTTA
347151	CCCACCTGCC	CCAGGCTTTA	CCTCTGGGTA	TTTTCTTGTA	AGCCGGGTAA
347201	ATTGTTTAGT	TGTAGGTTTT	TTTGGCTGGG	TTGGGTAACC	CCCCATCCCC
347251	CCCATTCAG	GAAGTCTTTC	CCTGGGCTAC	CCCATGGTTC	AAATATCCCC
347301	CTATGCTTAA	GAATCTTTAG	CTTAGTTTTC	ACCCCTCTAT	AGAAATTCCTT
347351	GTGGAGTTTC	TTATTTGGTC	CCTAAAGGTT	CTAGCTGTCT	CCCGGGAATA
347401	ACCCCCATT	GGTTCTTTTC	TACATCCTCC	CCATACTGAT	CCCTCTTACC
347451	TTCTCACCCC	CTTTCCCATC	CAGTGCCCTC	CCTCTGTTCA	TCCAGATGT
347501	CTGTTTATTC	TCATTTTCAG	TGAGATTCAG	CATCCTCCCT	TGGACCTTCG
347551	TTGTTACTTA	GCTTCTTTGG	ATCTGTGGAT	TGTACGATGG	TTATCCTGTA
347601	CCTTATGGCT	AATGTCCACT	TATAAGTAAG	TACATATCAC	AATTGTCTTT
347651	CTGGGTCTGG	ATTGTCTCAC	TCAGGATGAT	ATTATCAAGT	TCCATCCATT
347701	TGCCTGCAAG	TTTCATGATG	TCATTTGTTT	TAAAACTGAG	TAATATTCCA
347751	TTGTGTAAAT	GTTCCATATT	TTCTTTATCC	ATTCTTCAGT	GGAGGGATAT
347801	CTAGGTTGTT	TCCAGATTCT	GGCTATGAAA	AATAAAGTTG	TTGTGAACAT
347851	AGTTGAGCAA	GTGTCTTTGT	GGTATGGTGG	ATCATCTTTC	GGGTATATGC
347901	TCAAGAGTGG	TATAGCTGGG	TCTTGAGGTA	AAACTAGTCC	ATGTTTCTGA
347951	GAAACCACCA	AATTGATTTC	CAAAGCAGAG	ACACACAGCC	AAACATTATG
348001	CTGAGCTCAG	GGAATCTTGT	GGAAGAGGAC	AAAGAAGGAT	CTAAAGAGTC
348051	AGAGAGGTCA	AGGGCACCAC	CAGAAAACCT	ACAGAATCAA	CTACCTTGGG
348101	CCCACAGGGG	CTCACAGAAA	CTGAACCACC	AAGCAGAGAG	CACACATGGG
348151	ACAGACCTTG	TCCCCTTATA	CATATGAACA	GCTTGGTCTT	CATGTGGGAC
348201	CTCAAACAGC	AGGAGTAGGG	CTGTCTGTG	ACTCTGTTGC	CTGGCTTTGG
348251	ATCCCTTTCC	CCTAACTGGA	TGGCCTTGTC	TAACCTCAGT	AGAAGAAGAT
348301	GCTCTCAGTA	CCACTACAAC	TTGATATACC	AAGACAGGCT	GCATATCCATG
348351	GGAGGCCCTC	ACTTCTCTGA	GGAGAAAAGA	GCATAGGGGG	AGGGGAGGTG
348401	AAAGGAGAGG	AGGAAGTGGA	AGCTCTATCC	AGGATATAAA	GTAAATAAAT

348451	TAA'TTAAGGA	AGAAAAAGAA	TTTTCCAAAG	CAAGATACAG	CTTAA'TAAAA
348501	ATAATTTTAG	TATATACATA	TATTAAATAC	ATGTATGCCC	TTATATATTT
348551	ATATATAAAT	TTTATATATA	ATAGTATATA	AAATTATATA	TATAATGTCT
348601	CAACAGGGGA	GGGAAGGAAA	GGATTTGCAG	GAGGAGAGGA	GAATGGGGAA
348651	GGGAGGGAGG	ACTCAGGGAT	AGAGGAGGCC	TGTTGACCTT	TGCTTTCTGT
348701	TGATACAGTT	GCTGGTGCCT	CTAGATGAAA	ACTGACCCAG	CTCTGTCCAC
348751	CTTTTCCTTC	TAGAGTTATA	GCACATGCCA	GGAATGGCAA	CTCAGAACTT
348801	GAGTTCCAAG	GATAAGACTG	AATTCTCTAA	GTATGTTTTT	TTTTTTCCCA
348851	TTAATGACTT	TTCTTCTCAT	GCCCTTCCTC	TTCTCTGAGC	CCACTCTTTA
348901	TCACAAAAAG	AAAGTGCTTC	TTCAGTGGTG	GCCAAAGAAA	T'TTCCATTAA
348951	AAATAGGAAC	ATCTTTTCTC	ATGGCTGCC	CCAATTTGCT	GGTCCTTGAA
349001	TGTGTTCCTG	GAGAGAAACC	GAAGGCCATA	GATGAGCCTC	ACTCAAGCCT
349051	GCCCTT'TGT	GTGAAAGGGC	T'TCTAACACT	GGGTATGTCC	CACATTCCTT
349101	ACATTCGCC	GGATCCCCTC	AAGCATAGGA	GAGGGCCCTG	GCATT'CAGAG
349151	AATCTAATAC	CACAAATCTG	A'GTATCC'TC	AGGGAGATCA	GAAGTGGGAA
349201	AAAACATGAT	CAGAATGGG	TGCCAATAAG	CCATCTTTTC	AGCAATCCAT
349251	TGAAAAAGTG	TGCTTCATCT	ACTAGTGAAA	CTGAGAAAAC	ATGGACATCA
349301	AAATAAATAG	TGATGGCTTG	GGTTAGGGAT	GCACCTTACT	TGAAGAGTGT
349351	TTACCTATCA	CACACAAATC	TCCATGTTCT	AGGCCCACTA	CCACATAAAT
349401	TGGGTGTGGT	GGTGCATGTC	TATAATCCTA	GCATTTGGGA	AGCAGAGGTA
349451	GGAGGATCAG	TTGTTCAAAA	TCATCTTTAG	CTATGTAGTG	AGTTGAAGGA
349501	AAGCCTGGGA	TACACAAGAC	TGTCTCAAAA	AAATTTAAAT	AAATAAAGAG
349551	ATAACAACAG	AAGCACAATA	TAACCCACTG	AATATAAAGC	AGGAAGTCAT
349601	GAGTCCACAT	AGCTAAATGA	CTAAGTAGAA	ATTCACATAA	AAAGATATTT
349651	ATATACTTTA	AACTACCTCC	CCCATATACT	TAGTATTTAC	AAAAAAACAA
349701	CCACAACCTCT	AACAGATGCA	TCCTTCTGCA	AGAGATTAAA	AGAGCATGGC
349751	CAGCTGAAC	CATGGTTTCA	CTGACAGGAT	GCAGCAAGAG	GACCCAGCA
349801	TGATCCTGGT	GCCATGCCCT	GCTGACAATG	AATGACCTGA	CTGTAGTTAT
349851	ATGAAACACA	GAAAGTCTCA	AATGGAGGAT	CATTTTACAA	CATAAATGAC
349901	CTTCAAAGGA	GTCAGGATCA	TAAAGACAA	AGAAAGACCT	AGAAAATTTG
349951	AAAATGAGAG	AGGAAAAAGA	CAGAAAACCA	ATCATAAACA	ATGTCATTAC
350001	AGATTCTTTT	AACATATGAAG	AATGGACATT	ATCGGGACAA	CTGGTATACC
350051	TCATATGGGG	TCCAAAGTGT	AGACAGTGGA	GATATATGCA	GGATGGCACA
350101	CTCATCTGTA	GGACTCACAC	AATGAAATGT	TCAGGGGTGA	CTGGATGTCA
350151	TAGCAGAAC	TTTCATATCTA	ATAATTTAAG	AAAAAATTC	GTTGGCTGAG
350201	CTTCTGT'TT	TTTAATAAGG	AAGGAAGGTA	GGGATAGAGG	GAGAGTAGGA
350251	AGGAAGGATG	GAATAAAAGG	AATAGAAAGA	AGGCACTATC	ACAATGAGCT
350301	TCATTTCAGAT	GGTCCTAGCT	TCAAGCCTTG	GGTTC'TCTT	GAACCTGAGG
350351	AGCCTCTTTA	AAGATTCCCTG	TAGGAATATG	TATCCAGTTA	CTTTTACATT
350401	ACTGTGAAGA	AACATCTTTG	GCAGTAACTT	ACGGGGAGAG	GTTTACTCTG
350451	GTACATAGGA	AGTGCAGTGC	ATCATGGCAG	AGAAGACATA	GAAATTGAGG
350501	TGGCTATGTC	TGTTTTGGTG	GTACAGGTTT	TATACCTGTT	GGTCAGCCAG
350551	GAAGCAGAGA	GCTTGAATCA	GAAACAGTAT	TTTCAAGACT	ACCTTAAGTG
350601	TAA'TTAGACG	TTTACACAGT	TTCCCAATAG	TTCAAATCTT	AGTATGATCT
350651	GAGTGGAAAC	TGGTGGGAGC	AGAAGGGAAA	AGAAGAGGAG	AGGGGAGATG
350701	AAGAAGTG TG	AGCATCACAT	AAATGTTTGT	ATTTAATCTG	ACTACTAGAG
350751	TAGAAGGATC	CATGATCCTT	GA'PAGGAAAT	ATAAGTG'TGT	GCACATACTC
350801	CTGTGTATAG	AAATGGTAAT	CACATCATAT	GTACACTTTA	TAACCTTATC
350851	TACTTAATAT	TTTCTGAACA	TTCCCCCCCC	CCTTTAGAAA	CAGGGTCTCA
350901	TTGTGTAGTC	CTAAGTGGCT	TAGAACTATG	TAGAACTTGT	CTATGTAGAC
350951	CAAACCTGGCC	TTGAACTAAC	AAAGACCCAC	CTGTCTCTGC	CACCCACATG
351001	TTGGAATTAC	TAAAGGATGT	GGTACCATAC	CCGGTGACAC	AGTATTCCAA
351051	AGGT'TAGTTA	ATAAATAGCC	ATTGGTTGTG	AATCACACTA	ATTTATTTAA
351101	CCACCCCCAG	CCATGGTTTG	GTTTAACATT	CCTGTTATGC	CATCTAGCCT
351151	TTAGAAATTG	GCATATATTA	GCTTCACTAT	GAAAGCAAAA	ATGGAAACC
351201	ATGTAAGATA	ATTTCCAGTA	CACCTTTTAC	CGTTTCCACT	TGCCCTTGGA
351251	CAGATTGGGC	TAAGCAGAGG	ACGTTTTGGG	AAATAGTAAA	TATCGTCTTC
351301	TTGAACTGAT	GAACATAAAT	CTTTTCTTTT	CTTCC'TTCT	TCCTTTCTTC
351351	CTATTTGTTC	GACGGTAGAT	GACTCTACTG	GAGACTGAAA	TTAGGGCATC
351401	ATGCATGCAA	GAAAAAGACT	CTACACTGAC	CTGTGGCCCC	AGCCCTCAAT
351451	TTCACTGAGT	TCAAAATCCCA	ATTCTCTTCT	CAGAAATCTA	GGACCTGGTA
351501	CCTAATATCT	CAATGCCTCG	GTTTCCCCTC	ATATAAGATG	GCGTGCCCAT

351551	TCACAGAGTC	ACTGAAAGCC	TGACAAGTTG	TAAAGAGCTC	ATACAAGGCC
351601	AGTGTTCATC	AGTGT'TGGCC	ATTGT'TAGCA	T'ATGAAAAA	ATATAAGAGG
351651	CAGCTTTTGA	GGTCCAAAGA	AAAAGACAGG	AAGTAGGTCA	GCCCCATCCC
351701	TGGGATGGGA	AAGT'TCCCTC	TCCTGGTGAC	AGAAGTGATA	TTGATGGAAA
351751	AAACATTTTG	TAAGGTCTGG	AGTTGACGTA	TACTCTTTAT	GACAT'TTTAA
351801	TCTCTGAGTA	ATAGATTCCA	TCGCCTACGG	AGCCAGGCCA	TTTCCA'TTTA
351851	TTGACTT'TC	CTCTTCTCTC	TCAGACATGG	AGTCTACCTC	CTGT'TGACTC
351901	CATTCTCCCT	CCAGCCACCA	GGAAGTGT'T	CTGGACAATG	CTCACCACCA
351951	TGCCAGCCAG	GTCTAAAACA	GGCAAGGGGT	CCTGAAGGCC	CACCAAGGCA
352001	CCCCATATTC	CTTAAAAGGA	TGCTGAGGAG	GCCTTAATCC	CCCTTCTA'PC
352051	CTTACATTTT	CTCCCAGTGA	TATGCCCCAG	TGATATGCTG	GGTATGACTT
352101	TGAGAT'TGAT	G'TGTTGGTGG	CAATACT'TTA	TAATACTAT'T	CAAGGCACGA
352151	TGCTGTGATT	ATGAGCATAA	CCTGGTGT'TT	CAGAGCATGG	GACCCCTTGA
352201	CATGTTTACA	GAC'TGCAT'TG	TGTATCT'TTA	GGTGGTAT'TT	ACCTTAATTG
352251	AGTGGGGAA	AGGAACTTGA	G'TAGAAGAAC	AGGGCACGAA	CAATGTCTTA
352301	GTTTAAGTGA	TAT'TGATGGA	AAAAAAACAT	TTGCAAGGTC	TGGAGCTGAC
352351	GTATACTCTT	TATGACAT'TT	TAATCTCTGA	GTAATAGAT'T	CTGAGTAGTA
352401	GTTA'TTGCTT	CGATGAGACA	CCACAAGCAA	AGCAAGTTAG	AGAGGAAAGG
352451	ATGTATTTTG	CTTACACTTC	CACATCCA'TA	AGCCATAAGT	GAAGGAAGTC
352501	GGGATAGGAA	CTCAAACAGG	GCAGCCACCT	AGCATATAGA	AGCCATAGAG
352551	GAGTGC'TGCT	TACTGGT'TGC	TCAGCCTGCT	ATCTTATAAA	ACCTAGGACC
352601	ACCAACCAAG	GAGTGGCCCC	AGACACAACA	GAC'TGGGCCC	TCCCCCATTA
352651	ATCACTTA'TT	AAGAAAAATGC	CCTACAGGCT	TGT'TGACAGC	CTAATGTTGT
352701	AGCAGCAT'TT	TCTTCATTGA	GATTCCCTCCC	TCTCAAA'TGA	CTTCAGCTTG
352751	TGTCAAGTTG	ACAAGAAACT	ATCCACCACA	GGCGCCTATG	ACACACACTT
352801	GCTGGGAATC	TCACAGTATG	ACTCAAGGCA	AGCTGAGTGA	GGGTGTGGGC
352851	CAGCCCT'TCC	TTTCAGAATT	AAGGGATAAT	TTATTTCCCC	TGGGTCCCCA
352901	GTTAGAACCC	CATTTAT'TGG	AAATTTCCAC	TGGAT'TTCC	AATTCCTTTC
352951	CTTTTCCAAC	ATTGGGTGGG	TTTCTCTTGT	TATTTTCTCC	TTGGCTTCCG
353001	GAAACCCCTT	TTCTGGT'TC	CAATTTTNTN	T'TCCAGGAAC	CCTTATTGGG
353051	TTTGGAAGGC	CATTGGGCAG	GAAAACCAAA	CCACCAGGAA	AAAAGGAAAG
353101	GAAGGAAGGG	TTCTTCCAAT	CCCAAAGGGA	ATTGGCAAGT	TTGTTAAGAA
353151	CAGGGGGGCG	GGCACCACAC	TCATGGCCAT	TTTT'TTTTTT	AACCTCCAGC
353201	TGAGAGCAT'T	GATTGGACCA	TTAGCCAAGG	AGCTGTGGGA	TTTCACAGGG
353251	TCTGCCCACC	CTGGTTCAGG	CTGGT'TTAG	TCACCATAAG	CTTCACATGG
353301	CAGAGAAAAA	TAAACTCACC	TCCAAGTTTG	AT'TCAGTCCT	GGGAAAACCTG
353351	CCGCCAGCAC	ACCTTTGGTG	TCAAGGTGCG	TCCTTATCTT	ATCAGTAAAA
353401	ATCCCCTAAA	ACTGCTACGG	GAAC'TTCGGC	TCCCTGTCCT	CATAACCTGG
353451	AGGTGTAGCT	TTCTTCATGC	TT'TGAGAATA	AAGATAAAAT	GAAT'TATTAA
353501	TTTTCCAGGG	CAGCAGCGGG	TGATGCTTGG	TCAAGGAGTG	AGGAAGACGA
353551	GCAGTCAAAC	TTCTATACAT	ACGGCAGGGA	AAAGTCATAG	AAGCAGGCGG
353601	ACTGGAGGAA	GCCAGAGGTG	GGGAGT'TTCC	AGAACGGCTC	TCGGAAGGAG
353651	CAGTGGCCTT	TGTATAGTGA	ACCCTCAGCT	CCAAC'TTCTT	CCTGGATTCA
353701	CAGCCAGAGA	AGTCATGCCG	TGTGGAAGCC	TGCTGGT'TTC	TAGAACTCCA
353751	TAGAACATCT	ACCTCTGTCT	GGGTGATTTC	TGGTAATCAG	CAAAGCCTGG
353801	AAATTT'TGAA	TCATCTCCAT	CAGAAACAGA	CAAGCTATCT	TC'TTTT'CAGT
353851	ACGGGGGACC	AAAC'PAAGAA	CCCTGTACAA	GCTAGACAAA	TAATCTCTCG
353901	ATGCAGCACA	CCCTCAGATC	CC'TGCCCCAC	AAC'TGTCTTT	TC'TCCC'TGCT
353951	AGTAAAAC'TT	TCCAATCAAA	ATCAT'TTTCC	CACAATTAAA	AAATTATAAC
354001	TTAATACATA	TACATGGAAA	AATAAGAAAT	CAAGATTAAAC	TTGTAATTAT
354051	TAAAAACAGAA	TAAAGGCACCA	GCCAGCCTTA	TTTCTGTCTG	AGCTGGT'TCC
354101	CTTTTTTCTAG	AAACCATTTC	TGTAAATTAT	AAAGT'TTTAA	ATTCCATAAT
354151	GG'TTACCTTC	TCATTGATTT	AAAAAATGCT	GTACAAACTT	T'TGTAGTTTA
354201	CTATATTTAT	TCTCTACACA	CTGGCCTACT	ATT'AAAAGTGA	CTCTCACTCA
354251	CTCTTTCCCTC	TGAGGGCCCC	TACTTCCCAG	GATCTATCAT	TAGCTTCAAT
354301	GGGGGGCTTT	TATAATTTAA	AACCTACCAT	GGCGTTTCTA	TTAATTCTCC
354351	CTTCTGAATAT	CTTCTGAAAC	AAGATTTTGA	TAAC'TTATCA	ATGAAAATTC
354401	AATATTGAGT	TGGGAGAGCA	GGGTGAGATG	CATGTGCTGC	CACAAACCTA
354451	TAATCCCATG	GCTCGTGAGG	CCGAGGCTGC	AGAATGAGGG	CTAGAAGCCA
354501	TACTAGGTTA	CATAACACGT	TCCAGGGTGG	CCTCGGTTAC	AGAGTGAGAC
354551	TCTCTCAAAA	AACAAGTCAA	ACAAAA'TATA	CACACAAAGA	AGAAAAACAA
354601	ACAAACAAAC	AAACAAACAA	CACACACACA	CCAAGTTGTA	ACCTGT'AATT



354651	TAGATA'GAA	GGTCACAATG	AAAT'GGCTAG	AAAGAGAT'TT	TTGGT'TTTTT
354701	GTGGT'TTTTT	TTCCAGTAAT	AATACAATCT	CAGGGGTCAC	AGTATGAGCC
354751	AGCAAATGTC	CTGTAACAAA	ATTATCTTCA	TG'TGTAGGCA	TCCACTAAAG
354801	GAAGT'TTTGA	ACTT'TCTCTG	AT'TGGTCTGA	CAGGCATGCA	AATAGCGATT
354851	CTGTAGTCTC	TGAAATATTT	TGCATTATAG	CTGAATATGA	AAGAAAAAAT
354901	GATTAAT'TTA	CTCC'TTAAAA	TT'TTTTATTG	TATTTAT'TTA	TTGCTGGGGG
354951	CATGCCAAGG	TGCACACTCC	AAGGTCAAAG	GACAGCT'TAT	AAGAATTGGT
355001	TCTCTCCTTT	GACCCGTGGG	GTCCCTGGAGA	TTAAACTCAG	GTCATTTGGA
355051	TTGCATGCCA	AGTGTCTTTA	TCCACTAAGC	CATCTCACCA	GTCCAAGAGT
355101	AAT'TAGTGAT	CAAAATATTAT	GAACCTATAC	TAAGTTACCA	TTATATTA'TG
355151	AAGTTTATAG	ATTTCCCTATT	ATTGTTGTTA	TTATATACAT	ATGTGTGTAT
355201	ATAATGTGTG	TAATAAAATG	TCAAATGTAA	ATGTATGTAT	TATGTACAGT
355251	ATACTTTGGG	AATGATCATG	TGAAAGATAT	TTAAGTTTCC	AAAAGCACAC
355301	ATTTT'CCCAA	GGATACTTTT	CAGCCACGTT	CATGAGCCAT	CTTTGCCACT
355351	CAGTTGCCGAG	AATCTCAGAG	AGCTTAGCCA	CCGCCCTGCT	GACTGCTACC
355401	GCTCTGCC'TC	TGCCCTGGCAG	GTGGACACGC	TCCT'TGGGGT	ATCTTGCAAT
355451	GAAACTGTTC	CCCACAGGTC	CAGGTGTTTG	AATATCTGAT	TCCCAGTTGG
355501	TGGAGCTATT	TGGATAAGTT	TAGGGTGT'TT	GGCTTTGCTG	GAGGAAGTGT
355551	GTCACGAGAG	AGGAGGGCTT	GGGGTAGGGG	TTGAGGT'TTC	AAAAGCCATG
355601	TGTCATTCAC	AGGTCAATAA	T'TACACAGGT	CAATAATTAC	AT'TCACAGGT
355651	TAATAAT'TAC	AGATTAAC'TT	GTAAATTATTA	AAACAGAATA	AGGCCACCAGC
355701	CAGCCTTATT	TC'TGCCTCGT	GCCTGTGGTT	CAAGATGTGA	GCCCTTAGCT
355751	T'CAGTTC'TGG	ATGCCGTATT	TGCAGC'TTAC	AGCCACATAA	GGCTCACACC
355801	ATGACAGACT	CTTTCCCCCTC	TGGAACA'TGA	GCTAAATAAA	TCTT'TTCTTC
355851	CATAAGT'TGC	GCACTCATCA	TGCCTTATTA	CAAGAATAGG	AAAGAAACTA
355901	ACCCCTCTAC	TTCCCCGAGGC	CCTTCCTG'FA	CACATATCTC	CTCTCTGAGA
355951	CATTATTAAT	AGTCTTACTG	CCTCCCTAGA	TCCTGGAGGA	GAAATGTAGT
356001	CTCCCC'TTTC	TTGAGTCCTA	CAACGCACAG	CTCCTCACGA	TATCCTTCCT
356051	TATTTTACCC	CTCAACTTTA	CATAGATCAC	ATGGTACAGA	ATGCCCCAGG
356101	ATATTCAGCT	AAGGCTTAAG	TACGGTTCAG	ATATTTTCCCT	TGAATGCTGA
356151	GGATGTGGCT	CAGTTGATAA	AGTGCTTGCC	TGGCATGCAC	AAACCCCTGG
356201	GT'TTGA'TACA	CAACAGTATA	TAAACA'TGAT	GATACATATC	TGAGT'TCTTC
356251	TCTGCCAACT	GT'TTGTATGA	AGTCTTACTC	ACCACCCCAT	TCTCTTGCCT
356301	TGGTACAGGC	TGCTGGGTGT	CAGAGCCACC	TGCACTTACA	GCTCAAAGCT
356351	AGAACGCTGA	CCACAGAGTA	TCT'CAGTACC	CAGGGGTCAC	ACTTACCAGC
356401	ATGGAAGAAG	TCCCTTGAC'T	TGACTGCCAC	ACATTTT'TT	GTCTAGCAGA
356451	TCATTAGGAC	CCCCAGGGGT	GGATGAATCT	CCCACCATAT	CCTCAGCTGA
356501	TGGATAATAC	CCCCATCACA	GAAAAA'AAAA	AGAAAGAACA	AAAAACAAAT
356551	TGAAGGAGCT	TTCTTCTTCC	TGGTGG'TGCT	TTCCAAATCT	ATCGT'TCAAG
356601	CTGTGAACGT	ATGCTGTCAC	TAGTGTGTCT	CAAGGTACCT	TTGAAAGCAG
356651	TCAGTAGACA	CTGCTACACT	GCTACTTTCT	CTT'TT'CAGCT	GTTCAAACCTT
356701	GCTGCCCCAGA	CAACATTACA	ATGACCTCAT	GTGAACAGTG	GAAGGGCCAC
356751	GAGATGAAGG	GAAAGGA'TTC	CAGCTATGGG	TTCAGAGCAT	CTGTGCTTTT
356801	AAAAC'TGTAG	CCCCTCCTGG	CTCTGCTCCT	AGAGATCTCG	CTAGCGCCTT
356851	GTGAATGTGG	TGAAATCTAC	AGATGTGTGT	GTGTGGGGGG	GAGGGGGGTT
356901	CAAAAGGCAG	AGCGTAGCTT	TTCCGGAGTT	AAAGG'PCTGG	GCTCCTCCTG
356951	CTCTGAAGGT	GGGCTGCATC	TTAAGGGAGA	TGAGAATTAG	ACATAAAGGG
357001	TTAGTGT'TTA	CTCACGACCC	ATGAAC'TTGG	GAATATAAAG	GGGCTACTGC
357051	CTTAACACTC	CAACATGGGG	GCGCAGGAGC	C'TGAAGGGT	ATGTAAGGAG
357101	AGAAGAAGGT	GTGGGCTAGG	ATCTAAGTCC	TCTTCTCTGA	AACACTGCAC
357151	TGAGTGTGTA	ACCCAGGGGG	GCAGCTCTTG	CATTCTCCTT	TTGAAT'TGTT
357201	GTGCT'TTGTG	T'TACTTAAGA	CATAGACCCA	AACATATGTT	TCTATGAATC
357251	TGAAGAAAAA	CTTAAC'TGTT	AACATCTTAT	TCATCTTCAT	GGAAC'TTTT
357301	CTCAGAACTT	AGAATGCTCT	GGAAAAAGAA	AGGGGATGTG	AAGAAACAGG
357351	GAGATGAGAG	CGGGAGAGGA	GGGAGAAGCA	AAGGAAACTC	CAAGGCCCTT
357401	CATCAGGCTT	GCTCTGCTTG	CAGCCCCACG	GAGAGGAGCA	GCTGTGCTAA
357451	GAGGCTCGTG	TGTGTCTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTAAAGTG
357501	T'TGTGTATAT	GTGTGAGAGT	GTGTGCATGT	GTGTGTATGT	ATATGTGTGT
357551	GAGTGTGCAT	ATGTGAGTAT	GTATGT'TTGT	GTGTATGTGT	GTGAGTGTGT
357601	G'TTTGTGTGT	CTGTGTGTGA	GTATGCATGT	GTGAGTGTGT	GT'TTGTGTGT
357651	ATGTGGGCAT	ATATGTGAGT	GTGTGTATGT	GTGTGAGTGT	GTGTATAGAT
357701	GTATAAA'TCT	GTCTGTGAGT	GTGTAGATGT	GTGTGTATGT	GTGAGCA'TGT

357751	GTGAGCATGT	GTGTGAGTGT	GATAGATGTGT	GAGCATGTGT	GAGCATGTGT
357801	GTGAGTGTGT	GTGTGAGAGA	GTTCCTTCCT	TCTTCCTCAG	TTTTGCAGCC
357851	CAGACTTTTG	CCCATCTGGA	TGCAAACCCCT	GAAGCTTCCA	AGCCTCAGCA
357901	CTTGGCCTGA	ACCCAGACCA	AAGAAGAATC	CCGTGTCTCT	ATATCTGCTC
357951	TCACACTCAG	GTGCGGGATG	GATGAAGAGG	ACTTTCCCTT	GAGGGTGATG
358001	AGTTCCTGGA	GAGAAATACA	CTTCCGAAAA	GCAACGTCAG	CATGATTAT
358051	GCAACAGCCC	ACTGCCAGGC	TTCTTTCAT	TCTCTCCAAC	TCTGAAACAC
358101	AGGCTAGAGG	TTACTGCTTA	TCTTCCATCC	CAGAAGGAGA	CTCTGATCAG
358151	AGGAGAGCTT	GGTATATATG	CAGGATCTGA	ATTGGAAACC	ACAGCCTTGA
358201	GACGATGCCA	ACTGGGCCAA	TAAAGAAGGT	GTTGACGACG	CTTCCCAGGA
358251	ACGGGTTTCT	AGATATTTTA	ACTTTTGATG	AAAAGTTTAA	GCTTCTAAAA
358301	ATCCCCAAGA	ACCTCATATT	TTCCAGGGAC	TAGTGCCTGG	ACTCTTAAAG
358351	GCTTCCAAGA	AAACAGGATT	CTCAGAAGCC	CTTTCGACCT	TCAAGCTCAC
358401	TGGACCAATC	AAGAAGTATA	TGGAAAAACA	AAAGCAAAGA	AAACAGGCC
358451	TTCTCATACA	CCCTGAGAGA	CTTAGATGAG	TTAAGTGTTT	GAAGAAAAAG
358501	CTTGCTGCCA	ATTAGGACAG	TGTACTGGCT	TTGAGAAGTG	AGCCTCATCC
358551	TGTTCTCCCC	ACTTTTGGCT	GCCAGGTATG	GCAAGGTTGG	TCAGCAACAA
358601	TGTCAGCATA	AGGGGCCAAG	ATTAGCACAT	CCTCCCCCTG	GAATGTTCTC
358651	AGAATTCTGG	CACGCTTACT	AACCTTCTTC	AAAAC'TGGCA	TACACTGGTA
358701	ATTACAATCT	AAAATGCAAA	TGCCCATAAA	CTCTGTGATC	TTACTGCAAA
358751	CCCTGCAATG	TGGCTCTCAC	GTCTGTCTTG	GAGACAAGAA	AGCTAGCACT
358801	CCGAGGAATC	AAGAAATTCG	TGGGAAGTTC	AGTTGCACCA	AGAAGTTCAT
358851	GGGAAGTATG	AATCAGACAG	ACTTGAACCT	GGGTACTCTT	ATCAACACTT
358901	GGGAGTTTCT	AAGAACAGGT	GAAGGTGAGG	TCATGACCAA	CACGGTTGGA
358951	GAGTCTGTGT	GCTCCCAGCA	TTAACCCTTC	AGCTACTGGG	CTCCAGTATT
359001	GATGGAATCC	TGCAATAGAG	ATCCTCCTCT	AGGGGGAGGG	AATTCCAACA
359051	AATAGCTCCT	GACAAATGGC	AAAGGAAATG	GTGAAAAACA	GCAAAAGACAT
359101	TTAATCAGCA	TATCTATGAC	AGTGAGACAA	AGGAGACCTG	CACCTTATC
359151	TCTGTCTCTA	GGAATCTGA	TTTAACCTCT	CAGGTTATAG	CAGAAAGGGA
359201	CAAAGGGTGG	TGCAAAATAAT	TACACATAAT	ATGTCTTAGT	CAAATGGTGG
359251	TTCCAGGGCT	GGAGAGATGG	CTCAGTGGTT	AAGAGCCCCA	GCTGCTCTTC
359301	CAGAGGTCTT	GAGTTCAATT	CCCAGACCAC	ATGGTAGCTC	ACAACCATCT
359351	GTGATGGGAT	CCGATGCCCT	CTTCTGGTGT	GTCTGAAGAT	AGATACACTG
359401	TACTCATACA	CATAAATAAA	TAAATCTTTA	AAGAAAAATC	GTGGTCCCCG
359451	TGATTATGAA	TCTCAGCAT	GGTTAGACAG	GGCCTTGTTG	CAAGAAGAAA
359501	AGCATTTGAT	CCTGACTGGT	AGATTTGACT	CTGGTCACAA	GGACTACTTA
359551	ATTAAATGTG	AGGTGACTGC	CAAAGAGAAG	GAGTCAAAGT	AAAGGTGGCC
359601	TATGCAAAAT	GGGTCCCTAG	ATGGCAAGGT	TTCTTACCTT	TACTTATCCA
359651	TCGGGCGTTT	GAGGCCAGGC	AGGGAAGAAG	CGTCAATGCT	CTTAGCAAAG
359701	GTAGCCTCTA	AGTCGCCGGT	TCTCAACCAG	TGCCTTGAGA	CCCCTTGGGG
359751	AGTTGAATGA	CCTTTTCACA	GAAGTACCT	GTGACAACTG	GAAAAACACG
359801	ATATTTACAT	TAAGATTCAC	AACAGTAGCA	AAATTACAGT	TATGGAATAG
359851	CAGAAGAAAA	TAATTTTATG	CTGGGGGGT	CACCACAACA	TGAGGAACAG
359901	TCGTGAAAGT	CACAACATTA	GGAAGGCTGA	GAACCACTGG	GTTAAGTCTT
359951	TGCCCCCCTG	CAGAAGTCTG	GGACAGCAGG	GAGAAAGCAG	GTGAGGCCTT
360001	GAGAACGTAG	CTTTTATATCA	ACCCATGAAT	CAAGGCAGCC	CTGACACAAG
360051	ATGGCTGAAG	GCTGGAGATG	AGTCCCAGTC	GCAAGTGGAT	GAAGGGAGGA
360101	GTCAGCTCTG	CTTCAAGGCA	GCGTGAAACT	GTAGAGGAC	GATCCATTAG
360151	GTCTTCCGGA	CAACAACAGG	CAAGCGAGTG	TTGGGTAGAA	GGAAGGATGT
360201	AAAAAGGTGG	GAGACATGAA	GCCACTGGGA	CCCAAACTCA	TTTACTGTAG
360251	CAGACCGAAG	GGTGAGGTGC	AGGGCCGGGA	AGTGGGAGGG	GAGAGACATA
360301	ATAAATGGGA	ACAGAAAGGT	ACCCAGAAAA	TGGGCACTTG	AAATACATCT
360351	TAACCGGGAA	GCTGGATAAA	GCCATATATG	CTTTGGACAT	ATAAATACTG
360401	AATGGGTTTT	TAAATCCTAA	AGTATAAGCA	ATCTATCTTT	CAAATAAAAA
360451	TGTTAAGCAG	GCATCATGTG	CAGCAGACAC	TTTCCTTGTA	CACACGGAGG
360501	TAAACCACAT	ATGCCCCAGC	TTGCCTGCCC	ACTGGGACAG	AGTCACATTG
360551	GCACCTCCTG	GCCACTCCAT	GCTGGCCTTG	AATTACAAC	ACATTTTATC
360601	TTCTAACAA	GTTGCAAGAA	TTGGACCTTT	AAAAAATAAA	AAAAGCTACA
360651	CTGCTTATTC	AAGTGCCTGA	CTTCTGCCTA	CATGTTCTCT	GGAGCCTTTC
360701	CTGGGTTTGG	ATGTTGGTTC	TTTTCCTTGG	AGACATGCTA	TGGAATCTCT
360751	GAGAATTAAA	TCATCACTGA	GAATCAGGCA	CACAGTTCCA	CTGTCTCTGA
360801	TACTGTCTTA	CACCTGGATT	CCCGATAGCC	TAGGATGAAC	TCATTCGGAT

360851	ACCCACATCT	GCAGGACGGG	CACCTGCAGT	CAATAGGGAA	CCATAAAATG
360901	TTGCCATTCC	TCTGGGGGGG	TCAATGCTCC	AGCTTAGAGG	GT'TTCT'T'PAG
360951	G'TCTTCATTC	ATGTCCCACA	TAAGTCCAAA	'TATCCTGAT	CTCCTGT'TAA
361001	TGCAGACTTA	'TATGAACCA	TGCAG'TTACA	GCAATAAGGG	CAAGCAAG'TA
361051	CAAATCACAC	'TAAAGCCGTG	CAAAATGTCC	'TATTCTCCAC	A'TAAATATCT
361101	GGTGAATT'T	AT'TCTTCAC'T	AAT'TTGATTG	CT'T'TGAAGG	AGGACCTCCA
361151	AAGTGT'TTCA	GCTTAGT'TCA	CAATACAAGT	GGGACACATT	T'TTGGGG'TAA
361201	AAGGGAA'TCT	GATCATGTGC	C'TATTGAGAG	TGTGTGAGAG	AC'TGTGAGTA
361251	TGTATGTGTG	TGTTTGTGTG	TACGAGTGAG	TGTGTATATG	TAAGTGTATG
361301	AGTGTGTGTG	AGAGAGTGTG	TCTGTGTGAG	TGTGTGTGTG	TCTGTGTGTG
361351	AGAGAGAATG	TGTGAGAATA	TATGTGAGTA	TCTGTGCTTG	CACAAGAA'TT
361401	C'TTCT'CATTT	T'TAACGGTAG	TGACCTACAT	T'TCTTTCAAA	GAGGAAACAT
361451	AATACACTGG	AAGTAGCCCT	TGACGGAGTA	CCCTGAGGT'T	TGAACCTCTAG
361501	TCTCAACTAT	GGGCACCAGA	AGCAACCTTG	CTCCTGCATG	GAACATCTCT
361551	TCACATACTA	GACCT'TTAGC	TACCTTATCT	TGAGGGCTTA	ATGATCTCTC
361601	AGAGGTGGTG	GTGGTGGGT	TTCTCAT'TTC	CTGTGCT'TAA	AGCGCAT'TTT
361651	CAGTTAA'TAC	TGTAGCAGTT	GATAACGGAC	CTTAGGTACA	T'TTCTGACGA
361701	CAATATAACT	GTATCCCCCA	GTTACTATAA	GGTCACCTCC	AGTTATGGAT
361751	CCATACCTGG	TAAACGACTG	CTCTCATAT'T	CATAAGTAAC	CCAGAACGGG
361801	AGGT'TTCCCT	CAGTGATCTG	TCATTATCCC	TAT'PCCCTTG	TCACACCCAT
361851	GTCCTAGAGA	TGGCACTGGG	GTCAAGTCTG	TGTCTGTATC	C'TTAAATGTC
361901	CCATCTGATA	TACAAGCCT'G	GATGAGATGA	GAGCTCAAAT	ACAACCCAAA
361951	CTGGT'TTTAA	AATAAGTTGG	GCAGAAATTA	AAGTAGTCC'I	CGTGTGCCT'T
362001	TGGTTAT'TTC	CTTCAAGGG'T	GACATG'PCCT	AAAGAAGTCA	GCCTGATGGT
362051	TC'TCCTGGTC	CCTGACT'TTT	CTCTCTTATC	CCTCCATCTT	CCGACATAAC
362101	ATCATGATGT	GAAGTAGCCA	AGAGAGCTCC	CAACAGGAGC	TAGACCAAGG
362151	TCAC'TTGATC	TTGGACTAAC	TCAGGTGGGG	GGGGGGGCGC	CAAACAAACC
362201	TCCCTTTAAA	AAAAACAAAC	AAGGAGCTTC	TGATATTTTG	TTGTAGCAAC
362251	TAAAAATGCT	CTAATA'TTTG	TAGAGTGCTT	ACTTAACGGA	GTCTTAAGAC
362301	TAGATTAGTT	GAAGAAAGGA	CTCCTTACTG	AAGAGAACAT	GGGCTGAGGA
362351	GCCCCCTCTGT	AAGGCCCT'GG	AGTCTGCAGG	GCTATAAAGG	AGTTGCTAGA
362401	GGACTGAACG	GAACAGCTCG	GGCCGAGTAT	GAGAGGCCAC	GAGAGAAGAT
362451	CCGTTCCTTC	CTGTGTCTAA	CACTTACAGG	GTTTTAGAAG	GCGGCATTTA
362501	AAGTTCTTTT	GTAGTAGGAA	GCAATGG'TTT	T'PAAGTACT'T	AAAGATGATT
362551	GCTGTGGAGG	GCACTGAGGG	ATCGACTCTG	TTGTGTTTCT	GTAAATCACT
362601	TTTCAATTTCC	TCTAATAGCC	T'TTCCAAGCA	TCTGCTGGGT	TGTTGTTCTA
362651	GGCCGAGAAA	ATGACAAACA	AGTCTGGTGA	GTGCTTAATA	CAGATTTCAGA
362701	CCCTT'TGTCA	AAGAACAGTT	AGATCAAAG	CTTTCCAGAG	GCAAGCCGCT
362751	AGGAGATCAA	AGGACATCTT	TATCTTCTGC	CTTATGGGGT	GTGAC'I'TTAA
362801	ACACCAGAAA	TTAGACCT'TT	GGAGTCCATG	TATTTTACCAT	GAAAAATGTGC
362851	CTTATTTCTA	GGGAAACAAG	GTCCTCAGCG	CCCTGTCCAC	ATTTT'TCCCA
362901	GGAAATGGGC	AGGTGGAACA	GGCCTGTGAT	CTTCC'TTTTC	T'TCTCTAATG
362951	AGACTCGTGC	TTCAGAGAAG	TGCGTTTATG	TTGTTCCAGA	TGTTTCCATA
363001	AACACTCCAG	ACACAGAAGT	GGGTGGGCA	GGCCCC'TGCC	TTCCCGGAGA
363051	CCGCGTGGAA	GGAAGTCAGG	CAGTTATGGA	AAGTCCCTTG	ATCTGTACGG
363101	ATTGATACTA	AGCGAGGGGG	CACTGACCTG	GGCTCAACAT	ACAGCAAGAC
363151	CTGTGGGAAT	GAGCATCATG	GGACAAGGTG	TTAGTGGGTG	AGGTGGGCAG
363201	TGGAGCGGTG	TGTACGACCC	CTACAGGACA	GGAGTGGTAC	TACAAGGAAG
363251	'T'PAGAGTACA	GAATGCAGAG	CCATACTGTC	AAGATGCCAA	GGACCCAGAG
363301	GGACTCCTCA	GTCGAGTTAC	ACAGGCCTCG	TAAGCTGTGT	CAGAACTTAC
363351	T'PAAGGAGAA	TGGGAAAGCA	CCTCAAGACT	C'TTGGTAAGA	GATTACGATG
363401	TAGACACTCT	ACACCTTTGT	AGGAGGAGCC	ACTAACGGCC	TCTTGCTAGC
363451	GCTCGGGGAT	TGGCTTCTTC	ACCAGGTTTT	GAGAGAGTTG	CCTAGAGCAG
363501	GGAGTTTAGC	CAGCTGTGCC	CACGTGAGTG	TATTGTTGAA	ACTACTTGCT
363551	ACATAGTGTC	AACAGGATGT	CTCTGCCGGG	AGCCTGGTCT	T'TGGGGGAAG
363601	ACTAGGTCAA	TCCTCCCTGC	CCCCCCCCCTC	CACATCT'GGT	GAAATCACCA
363651	GCTCAGGGTG	AAGGGCAACC	'TAGATGCTGA	CTTCTTCCCA	CTT'AGAATG
363701	T'TTTCATCCC	GTC'T'PGAGCG	TCTACTACAA	TTCCTTGT'TT	TGTT'T'GT'TT
363751	T'TTGT'TTGT	TGT'TTGT'TT	T'TTCT'TTCTC	TGCTGTTGGG	GGCTGAACCT
363801	GACCATTCTG	GGTGCAGCAA	TCAGAAATCT	TCAAAGTTAA	CGTAGAATAC
363851	T'TT'TT'TT'TT	TCCTTCT'TCG	AACCGT'TCTC	GCTCCTCTTC	ACTCCTAT'TG
363901	AGGT'TGGA'TT	AAAAGCAAGG	GCTGACAGTA	ACTGCGCCGT	ACATGCGCAG

363951	TTGTCTCACA	AGACTATTGT	TGAAGAAGAG	GCTCATCGTT	AAGTATGTGG
364001	ATTCACTGGG	GTTTAACTGG	CACGGTTCGT	GTGTAGTGGT	GGTTTTGTAT
364051	AGATTTCAAC	CAAGTTTCTG	TAAGGATCAG	AGTTAGAGCA	TAAAGTGGGA
364101	GACAATCTGT	GTCCCGTGT	TTAAAAA	AAAAAAGGAA	AGGAAAGGAA
364151	AGGAAAGGAA	AGGAAAAGAA	AAAACCCAGA	CTCTTAACAA	TGATTCAACA
364201	TACCCACTGA	AGGCAAATGT	TAGTGGCTTA	CTGGAAGACG	TTACGCATGA
364251	ATGAATTACC	ACAGCTCACA	TCACATCTGT	AGGCATAATG	TCTAGCCAGA
364301	CTAAAAATGT	CAAGATACAA	GCCTAGCCTA	ATCCACCAGT	CTCAGGTCCA
364351	AGTAAGAGAC	ACTGTCCCAA	AAATCAAGGT	GGAGAGTGAC	TGAGGAATGA
364401	TCTCTGGCAC	ACACACACAC	ACATACATGC	ACACACACAC	ACATCTGCGC
364451	TTGCCCGCAGG	TCCTTCGAGC	CGGATGAGAC	ACGAACGACA	CGGACACCAA
364501	ATCGGGTTCA	CGCAGCAACT	TTACTTAGGG	CTTTTCTTT	TACAGCTCTC
364551	TTCCCCAGCA	GCTTCTTCTT	AGGGCAAGGG	CTCTCTTACT	CTACTTCTAC
364601	TCACAGCAAG	GGCTAAAACA	ACTCCTATTA	CAACAGCTTC	TCTTCTACTA
364651	CCTCTACTTA	CGGCAAGGGC	TAAAACTATC	TTTCGCGCCA	CTCAGGTCCCT
364701	TCTAGCTCCA	CCCCACCTCA	TCCAATCAGA	ATTCACACAC	ACACACACAC
364751	ACACACACAC	ACGCGCGCGC	GCGCGCGCTC	CAGGCATGAA	CTCAGGTCCGT
364801	TCACAGACAG	GCTGACAGGT	CACCATCACG	AGGAACAGTC	CAGCCTGGCA
364851	GGCAGCCAC	GCATGCAGCC	TCATGCGCA	TGCTCGGGCA	ACCCAAGAAA
364901	CAAGTGGGT	TCATGGGACC	TGCGGCTGCA	CCGGCTTCCC	GCATGCGCTT
364951	GTAAAGATGT	CTGTCTCCTC	ACTGAACCCA	GAAGCGTGAT	TCTAACCCTC
365001	CATAATCTCA	TATTAATGGA	GAAGGAGACA	ACTTAAATCT	GCACAGAAAC
365051	CAGGCATAAT	AATGTTTCATA	CTTGCAAACC	CAGCAGTTCC	AGGCCAGCCT
365101	GGCTACATCC	AGTGTGAGAC	TGGACTGGAT	AGTAACACAA	ACTAGTTATC
365151	CAAGAGGAAG	GAGCCTCAGT	TGAGAAAATT	CCCCCATAA	GATCAGGCTG
365201	TAGGTAAGCC	TTTAGAGTGG	TTTCTTAATT	AGTGATTGAT	GTGGGAGGGC
365251	TCAGTCCATA	TGGGTGGAGC	CATCCCTGGG	CTGGTGGTCC	TGGGTTCCTAT
365301	AAGAAAACAG	GCTGAGCAAG	TCATGGGGAC	CAAGCCAGGA	AGCAGCACTC
365351	CTCCACAGCC	TCTGCATCAG	TTCTTGCCTC	CAGGTTCCTG	CCCTGTTTGA
365401	GTTCTTGTC	TGACTTTTCT	TGATAATGAG	TAGCAATAAG	GAAGTATAAG
365451	TTAAATAAAC	CCTTTCCTCC	CCACTTTGCT	TTTTGGTCAT	GTGTGTTTCTT
365501	TGCAGCCATA	GTAACCTGA	CCAAGGCAGC	AATCTGCACC	AGGGTCGTGG
365551	GGTGTGGCTG	TGACAGACTG	ACCAATGTGGC	TTGGGGGAGG	ATTGTGGAAA
365601	GACTTTGGAA	CCTGGTGCAA	CGAAAGCCAT	TGAGTGTTC	ATGCTTGGTG
365651	AGCTGCTCTG	TAGGAGCTTA	GAAGATAAGA	ATGCTGAAGA	CAACGCAGAA
365701	GATGAACGCC	TGAAGTTTCA	GGTGGGAATT	TAAAGACTCT	TCTGGGGGAG
365751	GGGGGCATGT	GTTATTTTGA	ATTAAGATTC	TATGGTTCCG	GTTAGCTGAG
365801	GCTGAAGAGT	CATCCGTGAT	CAACAAAGTG	CCAGAACTAC	GAAAGAAGAG
365851	ACCAGCATCA	CTGGGGTGAA	GTCTTCTGGC	AAGTGTACC	TGAGAGCACA
365901	CAGAAGCTGC	CTTCCAGAGG	AGGGTAAGGT	TGTGTCCGAG	TCTCCCCAGA
365951	TGGGACTGGT	TTTGAAGACA	TGAAGGAGTC	ATGGAGAGAA	GCTGAGGTTT
366001	GGCACTAGGT	GGCAGGGCTG	GAGTCCCTGA	AGAGAGGCCA	GGAGAGGCTG
366051	TTGGTGAAAG	GGCAGCCAG	TTGCAGCAAG	AGACTCTAGC	ACTTTGGGAG
366101	TTGGCAGTGC	CATGGATGAC	TATCATGAAG	AGCAGCATCC	ATGGAGTGAA
366151	GCCTAGAAGG	CAAACGTGTG	GTCTGTAGAG	GGTAGAGCTG	AAGAAGTGT
366201	CCAAGTCCTT	TGGAGGAGCC	CAGAGATGGT	GAGTGAATCC	CAGACATTGG
366251	GCATTTGTGT	ATTTACACTG	CTGAAGTTTG	GTTTTGCTTT	GTTCAGATTG
366301	TGACTGTGCC	CCCATTTCTT	CCTCTTGAAG	AAAGTATTTA	ACTTAATTTT
366351	GATTTTTTTA	AAAGGAGCCT	GAAAAGTTAA	AAGACTGAGT	TTTTTAAAGA
366401	TTTTGGATGT	TTTAAAGAGA	CTGAACCTCT	AATGTGTTTA	ATTTGTAAAG
366451	ACCATGGGTC	TTTTCAATTT	TGTTTGTTTT	ATATTGTTAT	ATGAATATTA
366501	AAGTACCATT	TGGGGGAATA	AATGAGGAAG	GAAAGGTTCT	TATTA AAAAG
366551	TTATGTGAAA	GTTATGTGTT	TGTGTATCAA	GTAAACCAGG	GGTCAGTCAT
366601	ACTAGTTAGT	TCTATGTCAA	GTGAACACAA	ACTAGAGTCA	TCAGAGAGGA
366651	GAGAGCCTCA	ACTGAGAAAA	TGCCTCCATG	AGATCAGGCT	GTAGGCAAGG
366701	CTGTAGGGAA	TTTTCTTTAAT	TAATTATCAA	TGGAGGTGGA	GCCAGTCCAT
366751	TGTGGATGGC	ACCATCTCTG	GGATGGTGCT	CCAAAGTGCT	ATAAGAATC
366801	AGGCTGAGCA	AGCCACAGGA	AGCGAGCCAG	TAAGCAGCGC	CTCTTCATGG
366851	CCTCTGCATC	AGCTCCTGCC	TCCAGGTTC	TACCCTGTTT	GAGTCCCTGT
366901	CCTGACTTCT	TCAATGATGA	ACAACCGTTT	GGAAGAGCAA	GACAAATAAA
366951	CCCTTTCTCT	CCCTGCTTGC	TTTTTTGATCA	TGGGTTTTTT	ATCACAGCAA
367001	TAGTGACCTT	AAGATAGACA	CTCAAAATCA	AAACAAAATA	AAACAAAACA

367051	ACAACAACAA	CAAAAACCAA	CC'TGTACAAA	ACTTCTCCCT	ATTCAGAGTC
367101	CCCTAAGTGG	GCCTCTCTCC	TATCTTTTGT	TTAAGGAACA	TGGCATTATA
367151	GTCTAAAGTC	AAAGCGGCTG	TTTTGACATT	TACTCAGAGT	CTTAACATTA
367201	TTTCCTATCA	TCCCACCTAT	GGAAGAGGTG	TGCTTCATTC	ATTTTFTTTT
367251	TCTTGCTAAC	ACAACCTTTT	TATTACAGGA	TTTTTGCAATC	CTATCCCTTC
367301	TAGGAAGAAG	AAAATGTAAG	AGAATTTTAC	TTTTTCTCCA	CTCTCTTGTA
367351	GT'TTGGATCT	TAAATGTCCC	CCCAAAGACC	ATGAGTTTAA	GGCTTGCTCC
367401	TCATCCACTA	CTGGGAAATA	GATGGTAGAG	GTGTGGCCTG	GTGGGAGGAA
367451	AGTTAGGTCA	TCAGGAGTAT	CTCCTTGCTG	GAAATAGGGA	CCTAAGCCAT
367501	TTATATCATT	CTCTTCTATT	CCTACGGCTA	AGAGGAGAGC	GGATTTGCTC
367551	TATGACATGA	CTCAGCTTGA	AGCTCATTTAA	GCCTTTCCGA	AGGCCTAAAG
367601	CTACTTGGTA	ACTACTGACT	GACAGATCTG	GCTTAGCATT	CAAAAGAACC
367651	CC'TCTGTCCT	T'TTAGCAGTG	TGTGTGTGTG	TGTGTGTGTG	TGTAACTTTC
367701	TCTACAGGAA	TGGAGAGCTA	ACACACTCCA	CCAATCATGG	TCAGAGGCAA
367751	GCCCTGCA'IA	GGCTCTGTCC	CAGCAGAACA	ATAATTGAGG	TGCTCAGC'IA
367801	GTTGGAACAG	GGCTGACATC	AC'FGAGAAGG	GCTTGCTGCC	TGCTGTGCAT
367851	AGAAACTGGT	GTTCTCTGCC	CGGGGT'T'ITG	CAAAAAGAAA	AGGTTTAATT
367901	TCTACAGCCT	GCTGGCAACA	GGCTGCAGAC	TCAGATCTGC	ATCCACAATC
367951	TGTGTGGGGG	TGGGGGGTGA	AATTTGCCAG	AGGTAAAAAG	AGGTAACAAT
368001	GCTTGTGGA	TGAATGACAA	GC'ITGCAGCC	TATCCTTTCT	GGAAGGGTGT
368051	ATGAAGCTGA	GCTCTGCACC	TGGGACTTTT	GAACATATAA	AATCATATAA
368101	CACACACCAC	CTGATTTCTC	ATATCTATTC	CTAAAAAACA	TCTGGTCCCA
368151	AACATATCCAC	ACCACTAGCA	AAAGGCC'TGA	AGGCT'ITGCC	TGGAAAACCA
368201	CTTAAAGTTA	AGGAATTTAT	T'TTGCTGTGT	GTCTAGGCCT	CAGCTTTTTT
368251	CGCCCATGGT	GCTCAGCCTT	GATGGCTTGT	CCCCCTGGG	GGCTAGCATC
368301	TCTCCACTGG	CAGCTGGGCA	GCATGTGGGT	GTGTGCGGTG	TGTGTATGGG
368351	GGGGTATTGT	CCCTCCCTGC	CTGCCTCCGG	CCTTCATCTC	TTCTGCCTC
368401	AGAGCCCT'IT	CATGGTTCGT	TCTTCTTTAA	ATATGGCCCT	TTTATTGCAG
368451	AATGAGCCAG	AGTGGATTTT	TTTGTCTTCA	AAGACTCAGC	ATTAGGACTG
368501	TGAGGGGCTT	CAAACAGGAT	TCTGTTCTTT	TTTTTAAAGA	TGGGGGAAAA
368551	ACCATCCATT	CCCTTTTTTAT	AAATTATGAA	GATAGTTGGC	TAATCATGTT
368601	TGAAATGTAT	CT'TGT'TGAGA	TCATCAGCTG	GATGGCCGTG	ATGATGGGTG
368651	ACTATGGAGT	AAAGGGCGGT	TACTCTCAGG	GTTCGCCTCT	TTATTGCTCT
368701	AAGTGCTAGG	CATAGCAGGA	TTCTTTTAGA	GCTTATCATG	TTTCAGGACT
368751	GTACATGGGG	AAAAGGACCT	CTCCTCTTAA	TCATCACCAA	TTTCATTTTC
368801	TTTCTCTCTC	TCTCTCTCTC	TCTTCTTTTC	TTTCTTTCTT	TCTTTCTTTTC
368851	AAAATGTATT	TATTTTCATTT	CTATGAGTAC	ACTGTATCTG	TCTTTCAACA
368901	CACCAGAAGA	GGGCATCAGA	TCCCATTTACA	GATGGTTGTG	AGCCACCATG
368951	TGGTTGCTCG	GAATTGAACCT	CAGGACCTCT	GGAAGAGCAT	TCAGCCCATT
369001	CTCCTAAGTG	CCAAGCCATC	TCTCCAGCCC	ACCAATGTCT	TTTTCAAGCG
369051	CTACCAAGGG	AGTTTTTGCTT	AGGCAAAATGT	AGTTAAAGTG	ATTCTCTTAC
369101	CTGTCTAAAG	GTGATCAGAG	CTATGTAGGT	AAATGGCCGG	CCTCCCAAG
369151	GTAAATGGCC	ACAGCAGAAG	ACAAAACAAG	CCTCACTTGA	CTATTTGCTT
369201	GGAGGAGAGC	ATCCAAAGAG	GATTGGAAAT	TCAGTTCCCA	AGCTCTGTAA
369251	AAGAAAGTCT	CACAGACATT	CATCAATAGG	CAATAGTAAG	GAAGGAGACG
369301	ATACACGAGT	GTCACAGTGA	GCCCCATGGA	CAGCTTCATT	ATTGAAGAAA
369351	ATTTGCATTG	GGCACGTAGC	AAATAGAGGC	ACAAAGACAC	CAACACATAA
369401	GAGAATGCAG	TGGTTT'TATA	GGCAGGGAAA	GAGAAGATCC	CAATTCAAAA
369451	ATGCTGAGGT	TGCCTGGAAT	CTTCAGGATT	GGATCCCTGA	AAGGAAGAAG
369501	ACGCCAAATT	ATGAGTTGAG	GTCTCCTTGA	GTAACCTGGCT	GGGACCT'AAA
369551	ATACATATGT	TAGGGCAAGA	TGCCAGAGAG	TCTCACGTGG	TGACTGCTGG
369601	AGTGAGATGA	ACCATGAGTC	TAGAAACATT	TCAGTTCTGA	CAGAACACAA
369651	AGATCTTACC	TAAAACAAAC	AAATAAAACC	TCAATGCATG	GCAATGAGCA
369701	GAGATTCTAT	AGGACTAAAT	GTGAGGAGTT	AGCAGTGCCT	CGGTCCAGAT
369751	ACAAACGTTT	ATCTAGCACC	CTGTCATAAC	TATGTTAATT	ATTCATTATT
369801	GTTACATTAT	TGAACAACAA	TTCATTATTG	TTGT'IGTTGT	TGAGTAGTAT
369851	ATATACTACT	GTGTGTGTAT	GTGTGTATAT	ATATATGGAC	ATATATATAT
369901	ATATATAGTA	TATATACTAC	TATATATACT	ACTGTAGAAA	GTGCTCATCA
369951	ATATCTCTTA	TACATGAATG	AATGAATGAA	TGAATGAATA	AGCT'AAATGA
370001	TTTTGTACAT	TAGGAAATTA	AAGTCAAAAC	CACTGTGTTT	TGCATTCTGC
370051	AGAATGGATA	CACAAAGTTG	GCCTTAAAGTA	ATAGCTCCCT	TCCAGAGACC
370101	GTAAACATGG	AATCTCCTAG	AGATTGAAAA	CTATTATTCT	ACATGTAATT

370151	A'TAAACCAAA	TGGCAT'TTAA	T'TTATC'TTTC	TTCTTGGCTG	GGGTGCTACA
370201	CA'TTATAAAA	ATTTCCAGAA	AAGGAATGGC	GGGCAGGAGC	AAAGT'TTCC'T
370251	TTGATGTGCT	AATGGCTGAT	GTTGACTGTC	AACTTGAGGG	GATGCGGAGT
370301	AACCACAGGA	ACACCTGCCT	CATCTGTGTA	CAT'TCCTGTG	TGCAACAACC
370351	GCAGGAATAG	CTGCTAGGTC	TGTCTGTGTG	GAAGCATCTA	GATGGAGTTA
370401	ATTGGAGTAA	GAAGAACCAC	CCTAAACTTG	GATGGCACCA	CTCCAGAGCT
370451	AAGGGTCCTG	AA'TTGAGTAA	GAAAGGGAGA	GTGTCTCCAC	TGGGC'TGTGG
370501	ACCTGGCT'TG	GTGGCTAAGA	AGACATACTG	CTCTTGTAGG	TCCTAAAA'TT
370551	AGAAT'TGGGC	TGCTCACAAC	CACCTGTGAG	TCCAGCTGCA	AGGAATCCAA
370601	ATCCTCT'GAT	CCCTCTCCCC	CTCCCCCTCC	CTCTCCCTCC	TTCTTCCCCC
370651	TCCCCCTCTCT	CTCTCATACA	CACACATAAA	CACGGTGGGG	GGGGGGTCTT
370701	CAATTA AAAAG	TAAAATCCTT	T'TTAAAAAGA	GGAGAGACTA	AAGT'TTC'TAC
370751	TCTCTGAT'TT	TAGATGCAGT	GTGACCAGCT	GACACAAAGC	TCCTACTTAA
370801	ACAGTGAGCC	AGAATCAACT	T'TTCTTCC'T	TTGGTTCGTTG	GCTTTCAGCT
370851	GGCATTCTAG	CCCAGCAACA	ATCAAAGGAA	TTAATGCAAA	TATTACCTTT
370901	CAAATGTTTG	AGATCTACTT	CTCAACCCCTG	CCTTCCCAGA	AGTCAATGGC
370951	CCACAGGAGT	GAGTCTGTCT	TCTTGTGGGG	AATAAGAAAG	CGAAGCTGGC
371001	CCTTCAGAGT	T'TGTGCCCTT	GTATGCACCT	GTAATGTTGC	AAAAGTAATC
371051	ACCGTTGC'TT	AAAAGACCTC	CACTGTTTGC	TAAGTACTAT	GGTAAGTTCT
371101	TGGCTTTCAA	TTCATTTACT	CCTCACTGCA	GCCTTTAAAG	TACCCTGATA
371151	TTCTCTCTCT	TCATGGGATG	GAAAACCTGG	GATCAGGGTT	AAGTTACTTG
371201	CTTATGAGTC	ACATACTGAA	CATGATTCAA	GCAGGACTCT	ACCCTAAACC
371251	TCTCCTCTGG	GACTCTTCAA	CCCATGGGCC	TCATGAGAGC	ATTTCTTTTC
371301	TGACATATAA	GGCAATTGCT	TCTCATTTTA	AATTTCTTGA	AAGTACTCTA
371351	TGTC'TTGGAT	AACTTTAGTT	TTTTGCTTTC	TTTTAAATTT	TATTTAATTT
371401	TTATGTTATA	CAAAATGAAA	AAAAATAGGG	GGT'TGGAGAG	ATGGC'TCATG
371451	AATTGAGACC	ACTTATTACT	TTTCTAGAAG	ATCTGAGTCT	GGT'TCCCAGC
371501	ACCCAAGTCA	GGGCAGCTCA	CAACTGCTTA	TGACTCCAGC	TCCAAAGGAT
371551	CTGACATCTC	TGTCCTCCTC	AGGCATCCAA	ATTCATGTCC	ATATGCC'TAC
371601	ATGTACATAC	ATCACACAAT	CTAAAAATAAT	AAAAACATAT	TCTTAAGAGT
371651	AAATGAT'TAA	ATCCACCCCA	TCCCCCCAAT	ATTTCCCTCTC	AATTTGCT'TT
371701	TTTTTTTTTCA	ACCACCAAAT	CTACTGTGTT	TTATGTCTTC	TGTGT'TTTAT
371751	GAGCATGAGT	GTGGGGCCAT	CTACTGGAGC	ATGGATAGTT	GCTCAGAGGC
371801	CACATCTCTG	AAGCAAAC'TG	ACTCTCCTGC	CTCCAGCAGT	CATGGATTCC
371851	CATAGCTCCT	CACCTAAGGG	TGGAATTTGG	TGACTTTTCTC	CACCATTTGT
371901	ACTGTGATCT	TGTCTGGCTT	GATTTGAATG	GGTCTCATGC	ATGCATGCTG
371951	TCATAGCTGC	TGGGAGCCCA	TGTGCATAAC	TGACCTCTCC	TGTT'TCCCAA
372001	ATTCTGTTTC	ACTGCAGTCA	CCAACTGTCT	CTGGCTCTTA	CAGTCTCTCC
372051	ACCCAACCC'T	TCCTCAATGA	TCCCTGAGCC	TCATGGAGAG	GGGAGCAGTA
372101	TTAATATCTT	GTTTAGGCTT	GATGACTTTA	ATCATGCATA	TTTTTA'TTAA
372151	TACCACTAAG	GGCTTTCTCC	CTTTTGAAAC	ACGGTCC'TTC	TGCCATGAAA
372201	TTGAGAAGAG	TGAGTCTGCA	TAATAGTTTT	ACTGGAGGCC	TTGCAAATTG
372251	TGGGATTTGG	GTAGGATGCA	GAACTTAAGA	CCCACATTAC	TGTAGACTAC
372301	ATGATGTCAT	AAACTGGAAG	ACATAAACTC	ATACATTTAT	AGATTAAGCC
372351	TGCTGTCTAC	ACTTACATAC	CTTCTCATGG	TTTTCTCCCT	CAATTTGGGA
372401	CCTTAAAAAT	TCACAACCTG	TAGTGAGCAT	CCATCATCAG	TAGATGACCT
372451	AAAGAATGCT	CAAAATGCTA	CTTCTGCCTC	CGTTTCCGGG	GGTAGGGCGA
372501	GGTAATTT'TA	CCTTTCTGAG	TTTCCCCAGC	CTCTTGGGTG	GTGCATCCTG
372551	AGGCTCCAGA	TGTC'TTCT'T	GGCTTCAAGG	ACGTTTGGTC	TTCACTATCA
372601	ACCCA'TCCCC	CAAATTATAT	AAACCTGAAC	CATGCTGGCT	GACCTCTTGA
372651	TATCACAGCT	CAACCACAGC	TGGAGACTAC	AAAACATTTT	GCAGTTACTC
372701	TTACTAGTGG	ATTACATAAT	AGACACATCC	TATCTCAGCT	ACTTGAATGG
372751	GGAATAGAGT	CCTTCC'TTGT	TCTGGCTGTT	GGCACTGCTT	TTTTGCTGTA
372801	ATCT'TTTGAT	TTTTTTGATAG	AGATATGCTG	GCAGTCAGTA	TGTT'CATATT
372851	TTTCCAATGG	AAGTCAAGTG	TGATCATTTA	GTGCTCCTCA	AATATGGGTT
372901	GTTCTGTACT	CAGCTGGAAT	TGCCATAAGA	GTTTATTTAA	CTCTGTCAGA
372951	ATTCAGATAT	TGTTCAACTC	TAGCCACAGC	CAAGGTCTCG	GCTTTTCACTT
373001	TAGTTACTCT	CTGACTGTCC	CCTTTGGAGA	CCCCTGGCTG	CCCTTCCCAT
373051	TCATCTATAA	AGATTGACTG	CCAAAACCTCT	GTGGCATTTT	AGGGATTCTT
373101	TTTTTCAATTT	CTCTAAGCTT	ATTGTTAATC	TATTATGTGG	TCCATCTCAT
373151	TGACCCTCTT	TAACCCGATG	ATGGTCTGTT	CTAAAGCTGT	GTCTTACTGG
373201	AAGCTTTTAG	GGCTTCTCAT	TTGATAGAGA	AGTTTCAGGC	TTGGTACTGT

373251	AGTCTTTC	TCATAAATCC	CCCTGATCTA	TTTCCCTTTG	TCTCAATGAC
373301	CTTCTCAGCT	GACATCACCT	TTGGGCTGGT	TGCCTTGAGA	AACGGGAGAG
373351	ATTGGGTATG	ACAGCACTAA	GCAAGCATCC	TTAAGGCATG	GCGAGTTCTA
373401	AAGTAACCGA	ATCTCAAGGC	TGGGTGGGTA	CCTGGATATT	GGTTAGTCTT
373451	AGATCCCCTC	CCACACAAGA	ATTTGTTCCT	GAATATTCAC	AGTCCCTCTC
373501	CTCTGCTAGA	ATCCTTCCAA	GCAGAGATCA	TTAGTTGGCT	GAGCCAACTG
373551	TTCTCTTGTT	TCAAGTCTTA	ATTGCTAGAG	TTATTCAATT	GAACCTCTGT
373601	TTCTTCCCCT	TAGTCTTAGG	TGTGCTGTTG	GGAGCAATAC	AAGTTAAGGG
373651	TTGATTTCCT	AGAAGACCAT	ACTAAGTGC	CTTGATGTT	GGGTCTCTTA
373701	CTGACTGACT	TATACTTAGT	CGGGGTCTTT	GTAGTTGTAA	GTAATAGGAA
373751	GCAACTCTGG	CTAACTATCT	CAGCTTTCTT	TGTCCAAATA	AGAAGTACTC
373801	CAAAACCTTG	TGCCTCAAAG	AAATGCTCAT	TGCCTCACAG	ATGGTCTGGG
373851	CCAGAAATCC	AGAAGCAACT	TACTAGGTGA	TTCCTGGGCA	GGGN'TGTCTC
373901	ATAAGGTTTC	AGCCAAAAAT	GTCCTGCTAC	AGTCATCTGA	AGCATTGACT
373951	GAGAGTGTTG	CTCCCCCTCT	GAGCTCTCTA	CCATCACAAT	TGGCAGTAGG
374001	TCTCATTTGTC	TTTTCAGCCA	TTGGCCAGAG	CCATCCTTCT	TTTTCACTTT
374051	GGTATATCTC	CAACACAGCA	ACTGGCCTGG	TACAGGCTAT	AAGAAGGACA
374101	GGCAAGGCAG	TCTTTGTATG	ACTTAATCTC	TGAACTCGGT	AATAAGGCTT
374151	TCTCCCTCTC	TCCCTCCCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC
374201	TCTCTCTCA	ACACACACAC	ACACACACAC	ACACACACAC	ACACACTTTT
374251	ATTATTTCTT	TTTCCAGTGT	TGAGGATTGA	ACTCATAGTC	TCTATGAATGT
374301	TAAAGAGGTA	CTCTACCAT	GAATTAACAT	ATACCTTACT	TTTTATATTT
374351	AGTTTATAGT	AAGTATACGG	TCTCTGGACC	AGAGCCACAA	TGATATATTTG
374401	GTTAGAGACT	ATTTTCAGTAG	CTGTTCTTGT	TGTCTCATTTG	ATGCCTAGGA
374451	AGGACATGGG	CCAAGACAGG	TTGATCTTGT	GCAGGCAGAA	GAGTCTGTTT
374501	TACAAGATGG	GGATTTATCTT	ACATCTGGAA	CATTTATTTCC	AGTACCTATC
374551	ACAGAAAGGA	GACAGGACCT	ACAACGTAAA	GTAATAGTCT	CTAGGGGGAA
374601	ATAGGAAGTA	CTCTGTCCAG	GGTTATGAGT	ATATGGCCTT	GGGGAAGGTA
374651	AGATAGATTT	TATAATAGAT	GTCAATTGCA	CTAGCTGGGC	AGGTGACTGT
374701	GCACAACCTT	AATCTCAGGA	CTCAGAAGGC	AGAGGCAAGT	GGATCTATGA
374751	GTCTGAGGCC	AGCCTGGTCT	ACAGAGCGAG	TTCTAGGACA	ACCAAGGCTA
374801	TACAGAGAAA	CCCTGTCTCA	AAAAAACAAA	AACAAAATAC	AACCAAACAA
374851	CAACAACAAA	AAAGAAATCA	ATGTCTCCCC	TAAGGGGTGT	TTAAAGCTCT
374901	ATGGGATTTG	AGGAACAAAT	TATTTTCTAT	ACTGAAAGTC	TGATCCTCCT
374951	AGATAGATTT	CCAAAGTGCT	GGGATCACAG	GCTCCCACTA	AAATGCCACG
375001	TCTGATGCAG	GGCTGGGATT	AGACCCAGAG	CTTCATGCAT	TCAAGAACAG
375051	CCCTCTGCTG	ACTCAGCTGC	ATCAGAGACT	GATACGCGGT	CTTTAGAGAG
375101	TGTGTGAGTT	CCCCTGCTC	AGAAAGAAAG	CTCTGCTTTG	TAGAAACATG
375151	GGGATAGCCG	TAGTGTTTTA	CAGTACCCAC	CCCTGTTCTT	TCTTCTTTCT
375201	GTTTACTAGA	AGTAAGGTAC	TAGGTCAACC	CACATTCAGG	GCAAGGTGAT
375251	TCTGTTTCTA	CCTCATAAAG	CCCAACAAA	CTAAAAGAGT	TATACAATAA
375301	AAAAATAAAA	TAAAAAGTAG	ATATGTCTAA	GCCATCGCAT	GCTACAAAAA
375351	CAACAACAAA	AAACACCAAA	AAAATTACCA	CACACAAACA	ACCCATCCCT
375401	TACCATTTGA	ATA'TGTAATA	AATATATAAA	TGTATGCAAT	CCCCTTTCTC
375451	CAGGTTCCCTG	CAAGGGACAC	CCPATGACAT	GTCATCTTAT	CTTACAAAAT
375501	GGCCATCTGC	ATGAAGACCA	GGTGACCATG	GGGTATTTTG	TGGTAGCTCC
375551	T'AAAATACAC	ATCTACTTAA	ACATCCATCA	ACTAGAGTAA	AAGCTGTCTT
375601	CTTCCCCTCC	CCAACACACA	CAGCGAGACA	GGCATGGGCT	AGCCAAATTA
375651	GTTGTTTCTG	TTCCCAAAGC	AGGAAAACAA	GAAGCTGGTC	TTAGCAACG
375701	TTGAGTTCCA	ACTGGCAAGC	GTTACAGCTT	TGCAGTCCAA	TCGGGGAATG
375751	TTAGAAATGG	ACTGGGGCTC	ATGGTGAAGG	ATTAGTCTCC	ATAACTCTTC
375801	CTCAGGGTTC	TTAGTTCTTA	GTTCTTCCTT	TTAAAGACGT	CCTCCCAGAC
375851	CTGGACTCAA	TTGGTCACAT	TTCAGTGAGT	GCAAAGCCAA	ACCAAGCCCA
375901	GCCAAGACAT	CACAGAGTGG	AGAAAGGT'TT	GTTACCAGCA	GCAGGCAAGA
375951	AACACAGAGG	GTATATCTAA	GTTCTGCCTT	TCTGGAACAA	AGGCAGGTTG
376001	GAGAGATCCC	TCAAGGGAGG	CTATAGCTGT	TCAAACAGCT	TTCATCCTGT
376051	TCTTGAGTAT	GCTTAGTTTA	AGGTTCTGTT	AAAAGACTGC	AGACATTTTG
376101	GGGCATGCTT	ATCTCATGGA	ACACATGCTT	AGAGGATTA	CATGATGTCT
376151	TGGAATACCC	CTGGGCATTG	CACCATAAAT	TCTCAGCTGT	AAATAAAGAA
376201	ATGACACCAT	GATAGTTAAT	AATTTGGCTGG	ACATGGAAGT	GGGCAAGAGA
376251	TGGCTTTCAA	GGAGGCTAAA	GATAGCCCAT	GATAACGTGT	CTCTGATCTA
376301	TGACATTTGA	CTCTTTGGAA	GCACAGAGTT	TAGACCCCTG	GCCTTGTAGA



376351	CTCTTCAACA	AATGTTTCAGC	CTCTCCTTTT	TCCTGGGAAC	TTAT'GTTTTAT
376401	AATAGTTAAG	ATTTATCCAG	CACACATTTT	TTCCCATGTT	C'TTTGAGTCG
376451	GGAAC'TT'AG	AGCCGACTAA	ACTTTAGAAC	CACTTTAGGC	GTTTCTGACT
376501	CAGATCATTC	TCTGAAGTTA	TAGTGAAGAT	GTTGGCGGAA	AAGATGTAAG
376551	GAACGGTATG	GGATCAGGAC	CCCCAAGACC	AAGTTC'FCAG	CATGAAGGAG
376601	ATTTATTT'GC	TCCAAAAGGA	CAGAAGGCAG	GGAATAAGAG	AGAAAAGACAG
376651	GAGATGGGGG	ATGAGGAAGA	AAGGGAAGGC	GGCAAAGGGG	AAGCGGGAAA
376701	GATATTTGCC	CCAGAGGGAC	AAAGGACTAC	CTCTGGATAA	AGAGGAGACA
376751	GACATGGCAC	ACAGGCAAAT	GGAGGTTTAT	ATAGGTAAAG	AGGAAAT'TCC
376801	ATGTTAGGAT	GAGGTGTTTA	ATTTTAATTG	GGCATGTTAA	TTAGGTGAGC
376851	CAAAGGGGTC	TTTTGATTGC	TAGACTTTCAA	TACTTCTATA	GCTGGACCTC
376901	AGCAGTCACC	CTCAGGAGGA	GGAAGTGGTC	CAATAAGGGA	C'TAGACCCAG
376951	ATGGCTAGCC	TTAGGAATAT	AATCTAACAG	TGTTTAGCAA	GGGAATGGGG
377001	AAGGGTGAAG	CCCCTTGGAG	CCAGACTGAC	CA'GCTCAGG	CTAGTCCACA
377051	GTCTCTTCAG	ACACTTACAG	AAAATGCCTC	TGGATTTTGA	ACCCTAACCT
377101	CACAGATGGA	ATTCAGGTCT	GGGAGGAGTC	TGGCTCTCCA	AGTGGCGAAG
377151	TCCTGCCCTT	CAAAGGCAAG	GGGAGCTCCT	GGGGCTAAGA	CTGTGGTTGG
377201	AGCCAGCAGG	TTGCATGTGC	CGCGGCACAT	GAATGGCTAA	GTCTGTAAGA
377251	GAACATTAGG	CTTGAGGCTG	GGAAGGAGTA	GGCGCCCACT	AACAGCTCCA
377301	TAGCTATTAG	GGATTAATCT	ACCACATCAT	ACAGCATTCa	AATCCCCCA'T
377351	CAGTCACTGA	CCTTTCTGGC	TACGTAGTGT	TTCACTGAAG	TCCTTCTGAC
377401	TGTGCGGTAT	TTAATGCCTC	CAGCACAATC	CATCCAGTTC	AGGAAACAGA
377451	CGGGTTATTA	AATACACCTA	GAAACTCTGC	CCAAGGCTCT	TGTTTGTGGG
377501	CTGAATCAAA	CGAAAGGAAA	TTGTCACCAC	AAGAACTTGG	GTGAAAAATTG
377551	AGTGCTGTCT	CTGAGGTTCA	TGAGAATACA	TGTACTTGAA	TCCTCTCCCT
377601	GTCTAGCCCT	AGATCCTTCA	GATGTGGACA	TGGGTGTTCA	CACATCCAGC
377651	ACAGTTAACA	TCATTTGCTC	TAAGGGTTGC	CAAAACGCTC	ATAATATCTC
377701	TTTCATTTCAG	AGATGTTTTT	TATTAGAATA	GGCCTGGACC	GAGCTTTAGG
377751	CCTGAATACA	TATGACCTTA	TTCTCTTCA	AGATAATTTT	TGGGAACCTC
377801	AGGCAAGACT	GTTAGCTTTG	TTTACAGTAA	GGACATCCTA	ATGCCTGCAT
377851	CCTTGGCATC	CAGACATTAA	CCTTATCCGT	TGTAATCCCG	TTTGGTGCCC
377901	TTGGGACCCA	CAC'TGTAATT	TCATGTAAAGT	TTCTTAGTA	AGCCTTTAAG
377951	GATAATAGCT	TTAAAACCCA	TGGAAATTGC	TTCTAAGGCA	ATTTTAAAGAC
378001	AATAAAGTAG	GGCTTGCTTT	TTGAGATGCC	CATACTCATG	TACTAGGGTA
378051	TGTCTTTCTT	AACCCTCATA	TTTTAAAAAT	CTATATTAGG	CTGGGAACACA
378101	TTGTTCAAGA	GCACTTTCTG	CTCTATCAGA	GGTTGTAGGT	TGTAGTCCAA
378151	GCCCTCACAC	GATGACTCAC	AACCAATCCC	AGGGGATCTG	ATGCCCCCAG
378201	TTGGTGTTCT	CATGTCCCAA	CACACATGTG	GTACATAGAT	ATAAATGAAA
378251	GCCTAACACC	CATAGACATG	AAATAAAAAAT	AAAACCTCCC	AAAATCTATA
378301	CAAAAAAATA	TCATCCCATA	AACTCTAACT	TTGCTTCATC	CTGGCTGGTC
378351	CTGAAATTCC	CTTCTATATC	AAATTCAAGG	ATCTGGTTTG	AGTCGAGGTG
378401	CCTAAAAGAT	GAAGAGAACT	CCTCGGGCTG	CTAAGGGCGA	TGGCACTGAG
378451	ATCCCTCCTC	ACCAGAACTG	ACATCTTTGA	ATGTGCTAAG	TCACAGGCAG
378501	AAAACGCTCC	TCTATCCTAG	CCACAACCTT	TCCGTAGATC	CACGCGAGTG
378551	TTCTGCGTGA	CCCTGTGCAC	TCTCCACTCC	AGGCCTTTCT	CAGCTTTCCCT
378601	AGGAAAGCTC	CTTTCACGTC	CACTGTTCCC	TTAGAAGTTG	CAAT'TATGTC
378651	TTGTTATTAA	TAAGCTATTT	TCCTTCACCA	GAATAACAAC	TTTCTCTGGG
378701	GAAATCTGTT	GCCTAT'TATG	TATGTAACGG	AGCCCAATGG	TTGGCCAATG
378751	TGCTGGCTAG	TTTGGTTTGG	TTTGTTTGGT	TTGGTTTGGT	TTTGGTCAAC
378801	TTGACACAAG	CTAGAGTCAT	CCGAAAGGAG	GGTACCTCAA	TTGAAAAAAA
378851	TACCCCTATG	AGATCCACCT	GTAGAACAAT	TTCTTAATTA	GTGATTGATC
378901	GGGGGAAGGT	CCAGCCCATT	GTGGGTAGTG	CTATCACTGG	GCTGGTGGTC
378951	CTGGGTTC'TA	TAAGAATGCA	GGTTGAGCAA	GCCATGATGA	GCTAGCCAGC
379001	ATCAACCC'TT	CAAGGCCTCT	GTGTGAAGCT	CCTACCTGCA	GGTAAGTGCC
379051	CTTCTTCAGT	TCCTGCTCTG	TTTGAGCTCC	TATCCCGACT	TCTCTCAGAG
379101	ATGCACCAATG	GTCTGGAAGT	GTGAGCCAAG	TAAACCCTTT	CCTCCTGAAC
379151	TTCTTTCTGG	TCATTGTCTT	TCATCACAGC	AACAGTAACA	CTGACTGGGA
379201	CAGGATTGTG	GGG'TATTGCT	GCGGCAGACC	TGACCATGTT	TTGGAGAGGA
379251	TCGTGGAAGG	ACTTTTGGAA	C'TTTGGGCTG	GAAAAGCCAT	TGGCTGTTCA
379301	AAGCTTAGTG	AGCCACTCTA	TGGGAGCTTG	GAAAAC'TAAG	AGTGGTGAGA
379351	GAAATGTGGG	CGACAGAGGC	CTAGTTTGTG	AATATCCAAA	GGGAAGTTTG
379401	GGTAGTAAAG	ACTCTATCAC	AGCTGT'TCCG	CGTATTTTGT	GTTGAGACTC

379451	TGTGATTCTA	GTCAGCTGGG	GCTGAAGAAT	CCGCTGTGAT	TAACAAGAGA
379501	CTGGAACCAA	TCAAATGAGA	CCTTTGCTTA	CTGGGACAAT	GGATAACTGG
379551	TCAGCCGGAG	CTAAGCAAAG	AGCAGATCGC	TGAGGTGACA	TCTGGAAAGT
379601	GTTTTCTCAA	AGTCCACAGT	CAGAAGCTG'	GTTCCAGAGG	TGGTCAAGCT
379651	TGGACCTCAT	GCTGGCAGCT	GGACTTGACA	GTACTGGT'TT	GAAGGCGCGA
379701	AGGGCTCATA	AAAAGCAGCT	GAGGCTTGGC	ACAGAGAGAG	GCCACTGGAG
379751	AAAGTGCAGA	CTCAGCACAG	T'TGAAGGCC	AGGTTTGAAG	AGGTCAAGGG
379801	GAGAAGTTGA	GGC'TTGGCAC	TGTGAAGAGA	GTCTTCTCTC	TG'TTGGTGTG
379851	CTTCACCACA	GCAATAGTAA	CCCTGACTAG	AACAGCCGAT	AAGTGCCAGC
379901	C'TTTTGACAA	TTAATTAAT'T	CACATT'TGCA	TAATATGCAA	AAAAGTTATT
379951	TCTTAGGAAA	GAGGATACCC	TTCTAGGATT	AAATTCATCA	CTGCGAGGAA
380001	AACATCGGTA	CCATCGTGAC	TGAGT'T'TCT	T'TCTGTCCCC	ATGAAGTTTG
380051	ATGGTGT'TAA	GATTTT'TCCT	CTGTGAACAA	CGTTCAAATG	TCTGAAGACC
380101	TGTGAACAAT	TCTTAGGGCA	AAGACGTCAC	CTGGGAT'TGC	TGAATTCATT
380151	CACACAAAAA	AAGTCAAGAG	CCAAGATT'TG	GGCCTGAGGT	AAGTTTAGAA
380201	ATAACAAGTG	TGGCCAGGGC	CGACGAGGCC	ATTAGTGTGC	TGAGGCACCG
380251	TGGCAAATGG	CTAAGTCGAG	ATGATCCTAC	TTCAAGATCC	TGAATTTTAT
380301	TAGGTCA'TCA	AAGACTCCAT	AGGAACTCTG	CACTTGCCTT	ACAGCAGTTC
380351	AT'TCAT'TCAA	GGACCAGGGG	AGGGTGTACT	GAGATCCCTG	CCCCACTTAA
380401	CTGGGGAGAT	AATGTGGCTT	GGCAATCGGG	ATATTCAAAG	GACATCTGTC
380451	TGAT'TGGCTC	TAGACCCTTC	GGGGAAT'TG	CTGGGGGGTG	GGGGTGGGGG
380501	AGATTCCCAG	TGTTGTTCTT	TTCTCCTGT	TTACCGGTCC	AAGCTGATGC
380551	AAGCTGTGTC	CCACCCTTTC	T'TACTACAGC	CTCT'TAGCTT	TCAGGGAGCT
380601	ATTCAAGCTCA	CAGGGATATA	CCTGAT'TCTT	CTGTAAAGTC	TATTTTCATAA
380651	CCTCTCATAC	CCTCCTACCT	TCCTTCCTCC	GTCTTACTGC	ATGTTCCATA
380701	CGGACTTCTG	GATCATGTTT	T'TATACACCA	TCTTGACTCA	CAAGGATAAT
380751	CATTTCCCCCT	GGCATTC'AAG	GTGTCTGTTC	CCAAGGGCTG	TCTTTCAACA
380801	GCGGTGTCCT	TGGGCAATGA	AACGAATTTT	TGAGTCTCTT	TGTTCTGATG
380851	TCTGTGC'TTC	CTTAATGAGG	TCATTTAAAA	AGATCACACA	AGAATGTCTG
380901	TCCGTCTGAA	CAGGCTAGGC	CGACCTGTTA	CCACAACCCC	CTTAAGACTC
380951	CACAGCTTCT	CTTGGTGTCT	TGTGCTCACA	ACAAAGTCCC	GAGCTTCACG
381001	CTCACCAACA	GGTCTGTGGA	GCAGCCTTTA	GCTGGAATGC	ATAGCGCATG
381051	TGCACCAAGG	ACAGATGTAA	GAAT'TGCCTT	TATGTAAAAA	CCAGTTCCTG
381101	TAGGGTATGT	GTTTAGATCC	CAACCATGCT	GAATCATAAA	ATCTTTTCGGT
381151	CTCCTAGT'TT	CATCATCTGG	ATGGGTCAC'T	ATATAAGTTT	ACTGGAGAAA
381201	TCATAACAAA	TAATCA'TAAA	CTTGACTACT	TAAAA'TAGCA	TAAATGCTCA
381251	CAATTTCTGG	AGGTCAGAAG	TATAGGTTA	AGATGCTGGC	AGGCCCTCCA
381301	TGGCTCTAAA	AGAGACTGAG	CT'TTGCTTCT	TACAGCATCT	AGTGGCTATG
381351	ACATTCCCTG	ACTATTGGTC	CCATTGTTCC	AACCTCTGAC	TTATAAGATA
381401	TTTGT'CAGTG	AAGCATTTAG	GGCAGATCTG	GATAAACCAG	GATGACCTCA
381451	TCTCAAGATT	GTTAATTACA	GCTTTAAAGC	CCTTTCTTTG	AAATAATATC
381501	ATAGCCATAG	GTTCTAGGAA	ATAGGACACA	AGAATATCTT	TGGAGATCAG
381551	CATTTAAACCT	ACTGCAGTTA	CCAGGTGAGT	AGGTAGGTCA	CTGGA'TATTA
381601	TTTAAAAATGA	GATTGGCTTT	ATAGATAACC	T'TTTCTTTT	AGTGACCAAA
381651	GACTTAAT'TG	ACATCCAAAT	ATTAAGGAAC	ACACAGCTGC	CAAATTTCCC
381701	AGTGACGTGC	TGGTTCACAC	ATGTACCAAG	ATTGACATGT	TGGTTTGCAC
381751	ATGTGCACAT	ATATGTAGGA	CTGACATGTT	GGCTCACACA	TGTGTACAAG
381801	TATGTAGGAT	TGATGTGTTG	GTTACACAT	GTGCTATGTG	TATAGGATTG
381851	ATACCAT'TGT	TCCCCCTGAG	GTTACTTTCA	GACTATCAAT	GTCTCTATCA
381901	TACAAATGAA	CAC'TAAAGTA	TGAAAACTCG	GATTTTTTCA	CATCTGACCA
381951	AAATGGAAGA	AGGGGAACCT	TTCATGTAA	CTCTGGACTA	AGGCTTTCTA
382001	GGAAAT'TCTC	TGGGGCAGTC	TGTACCCAAA	AGACAAAGTC	ATTATGAGAG
382051	ATGTTCCATA	AGAGTCGTTT	TAATTCCTAA	GAAGT'TTTGC	CCATGATTAA
382101	T'TATGTTT'TA	GAATAAGTTA	TACTTGCTTC	TGGGCTTTGG	GGAAGAATTA
382151	GATGTAATTG	GGTGTCTAGG	AGGGAAATGT	CAACCTAGCC	TTCTCCGCTC
382201	T'TGTTTTGTT	CTCCCTGGCT	C'TTGATAAAA	GTTAATGAGG	CACACT'TTTC
382251	C'TGTTAGCAC	ACGTCCCTGC	TCTTGGTGTA	GAAATACACT	GATGCTCTAT
382301	GCCCTT'TTC	TGTCATGTGA	TGAAGGCCGG	GCGACTAGAA	AGAGTGGTAA
382351	TTTGT'TGTCA	TGGAAATGAG	CTAACACAAA	GCATTGGGT'T	TGAACTTTGC
382401	CTGGAAATCC	TTGGGAAAGG	TGAGGGAGAG	GGTAATACAG	CTGTACCACC
382451	AAGAAGCCAC	TGTGCTCAGA	GAGACGGGGT	AAGGTGCTGG	GTGGGCTTTT
382501	C'TATGCTTCT	TCACACTTGA	ATATTCTGAG	CCPACACTGA	TCATGAAGAA

382551	GTGGCCAAAGT	CCCTGTGAGC	TTTTCCCTCC	CCTGAGTGCA	CTGTTTCACTA
382601	GGTTTTCAGT	CCAGGTTCTG	CATTTCTTGG	GTAAATATGA	CTCCAACCTT
382651	AATAAAAAGC	CTTAACCTGG	AGGCATTTT	AGCAGCTCAC	TTTACTTTCC
382701	ACAGTTACAT	TAGCTGCAGC	TTCTAATGAT	GTCTTGAATA	CCTTTTTCGAT
382751	GGCCCTTAAAT	GACAGAGCTG	TCCCCCTTGA	CCATATCTGG	ATTATTGATC
382801	CTGACTGTCC	CTCCCCCTCC	AGCCTTTAGA	TCTCATTCOA	TCITGGCTAGT
382851	TATAGTAAGT	CATCCTTGCA	GCCATGATGA	ATTGATCCAA	AGGTGAACCTC
382901	GTGAGGATTA	CCAAACCAAT	CACGGTTATT	TCTCAGAACC	TTTCAGATGA
382951	GAACCTAAAA	AAAAAGGTAG	TTTCATTTTG	GTGGGGTAGG	CTGGCCTCTG
383001	GATATGGTCA	TGTGGATCA	GTCTTCAAAG	AAATCCTGTT	AAGAGAATAA
383051	ATGTCATAGA	ACAACAGACA	AAAGATGTAA	AGAGGAGGGG	GTGTTGAGAT
383101	GGCACAGGAG	AGGGACACAT	ACTGTCAAAC	CTGGCGTCTC	GAGTGCTGTC
383151	CCTTAAACCC	ACAGAGCAGG	AGAGGAAGTT	TTCTTCTGAC	ATCCACACAT
383201	ATAAAGTAGC	TTGTCCTAGT	CCAAAGTGGT	TTAATTATTA	AGATGGAAAG
383251	CTGCTACTGG	CCACAACCAA	CTCCTGAGCT	GCCTTGCTCTC	CATGGTCCAG
383301	CTTCACTTCC	CACAGTCCTG	AGATCCACCT	CCAACAGACC	CCCATTGCTG
383351	GACTCCACTG	TTGATGAATG	GGCTTCTTGA	GTCTTAGCTG	ATGGGTTCCTC
383401	TCACCTTTGC	TGACTGGGAC	GAGAGCACTC	TCAGTCAAGT	TGTTGGCGTC
383451	TTAGGAAGCT	AGGGGTTTGT	GTGACCAAAG	GAAGGAGTCA	CAAAGCCCCTT
383501	AGAATACCCT	TGTTGTAAACA	TGAGGAGGCA	GCTCAGTGCT	ACAGTGCTTTG
383551	CCCAGCATGT	GTAAAGCCTT	GAGGCTAATT	CCCAGCAAAA	GACACACACA
383601	CACACACACA	TACACACATA	CACATACACA	GAGAGAGAGA	GAGAGAGAGA
383651	CAGACAGACA	GACAGAGAGA	CAGAGAGACA	GAGAGAGAGA	GAGACAGAGA
383701	CAGAGAGAGA	CAGAGACAGA	GAGAGAGACA	GAGACAGAGA	CAGAGACAGA
383751	GACAGAGAAA	GAGACAGAGA	GAGAGACAGA	GAGAGAGACA	GAGAGAGAGA
383801	CAGAGAGAGA	GACAGAGAGA	GACAGAGACA	GAGAGACAGA	GAGAGAGACA
383851	GAGAGAGAGA	CAGAGAGAGA	GACAGAGAGA	GAGACAGAGA	GAGAGAGACA
383901	CAGAGAGAGA	GACACAGAGA	GAGAGACACA	GAGAGAGACA	GAGACAGAGA
383951	GACAGAGACA	GAGAGACAGA	GACAGAGAGA	CAGAGACAGA	GACAGAGAGA
384001	CAGAGAGACA	GAGTCATCCA	TCCTTACCAG	GCCAAAGCTG	GTTATTACAC
384051	TCGTGCTGGT	AAAAAGGCTG	AAGCAGGAAA	ATCAAGAGTT	CAAGTTCAGC
384101	CTGGGATACA	GAGCAATATG	TTGTGAGCAT	GTTATTTACAG	AAACATAGAT
384151	GACATTTGTG	CTCTCCACAA	TGTCAGAATG	CATTGAGTAA	AAATAGATTTC
384201	ACAAACTATA	TCACTTTTTC	TGTTTTGCAAT	TTGCCAAATA	ACTCCCAGTT
384251	TCACCTGGTA	GCTGGTAGTT	GGCATTCACA	GGTTCTTACA	TCCTACTCTT
384301	TACTATTATA	CTCTATGATC	ACCATATTAT	CTTTATATAA	GTATGTGTGT
384351	GTGTATGCAT	GTGTGTATGC	ATGCATGTAT	GTGTATGCAT	ATATGTGTGT
384401	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GAGAGAGAGA	GAGAGAGAGA
384451	GAGAGAGAGA	GAGAGAAGTT	AAGGAAGTTG	TTGAGTTTCAT	AAAGGTTGTC
384501	CTGAAATTGA	GACAGAGAGC	TAATACAGGC	ACAAGGGAAC	GTCTGTAGCA
384551	GGCCATGTAA	GAAGTCTTGG	AAGCATCAGG	CCTAAGAGCT	GTTCAAGCAT
384601	AGGTGGTAGA	TGCCATTTTA	AGGGTCTAGG	CACATTTGGT	CACAAACCAA
384651	ATTTAGTTCT	TTGATTCTTC	TGGTTACTTG	TCTGAGGAAG	ATGGAGTCAA
384701	GGAGCCGAGC	CCCCTGCTGG	ATTTGCTGTG	AGGGCTTTAA	TAGAAAACAA
384751	GAGAAATGATC	TGGAAAGCTC	TTGGAACCTG	CTGGGCCGGA	GAGGGGGAGG
384801	GGTAGATCCG	ACAGCCAATC	ATGGAAATGG	GGGAGGAGTC	GAACGTTGGT
384851	CGTGCTTGTT	AGAAATCTAC	TCAGTGGAAT	AGTGAGCTTA	GTAGATTTAT
384901	AACATCTGTC	CTAATGCATG	GGTATATCTA	GAATTCCTAT	TCTGCCTGAA
384951	AGAATGTCCT	TGTATGGTGT	GAACAGGGCA	GGAGGTTACA	TCTTACTGCG
385001	CTGATAGAAC	CTTCCAGGTA	GTCTAGGTCT	ATTTTCATCTA	ACATCACATT
385051	CAGAAATCTT	CAGTTAGATC	TTAGCTTCCT	CTGGGGAACA	ATGTACTGAT
385101	CCGCAGGCCT	TCAAATGCTC	ATGTCCCTCT	GAAGGTGCTT	TCTGCATGCA
385151	GCGGGCAAGC	TGATATCCCC	ACCAGCCTCT	TGAATGTGAT	TAACAGGAGC
385201	CTGACTTGAA	GATAGATAAA	TTGCTGGCAT	GCTGACAAGG	TCAGGTTTTG
385251	ACTTTGTCTA	ATCATCAGAA	CACTGGGGTT	ATAAATTTGT	AAGATAATAA
385301	ATAACACCAA	GACTGCATCG	TTAGCTAAGT	CAGCCAGCCA	ATATTTTGT
385351	AGCAGGGTAT	GCTGACATAG	CTACTGACT	GAGAAGGCAT	ACTGAACCTT
385401	TCTCTCAGGC	GCATTCTCAA	GTACAGGAGC	TAGCTCTTTT	GCAGTCATCT
385451	GTCCTGCTGT	CTGTCTGTTA	AGAATTTTCC	TTCTGTTCTC	TCTTTCTTTT
385501	TAGACAGGGC	CTCGCTATGC	AGCACCCATG	GGCCGGAATC	TCACCTTTATA
385551	GTCCAGACTG	GCCGTTAATT	CGTTGAGATC	TACCTCCCTC	TGACTCCCAA
385601	ATGCTGGGAT	GGAAAGTCTA	CAGCATCGTG	CTTTGTACAA	TTTTGAACCT

385651	GAATACAACC	TTGTTGGGGA	AAATCATTTAT	AGCAAGGTGA	AAACATTCAA
385701	GGTTGGAGAT	AATACCAAAA	GTTGTCGACCG	ACTGGCGAGA	TGGCTCATCG
385751	GGTGAGATCA	CTGACTGCTC	TTCAGAGGTT	CCCGAGTTCA	GTTCCTAGTA
385801	ACCACATGGT	GGCTCATAGC	CATCTGTAAAT	GAAATCTGAC	CCCCCTCTCT
385851	GCTGGGTCTG	AAGAAAGCGA	CAGTGTACTC	ACATAATTTT	TTTTTTCTTA
385901	AGTGTGTATG	GAATGAATGT	GGGGGGGTCC	CTGAAAAAAA	ATCATACCTC
385951	ATCGGCTGCC	TCTCACAGGA	GAGAAGTATG	TGCTCTGGAG	CCCAACACTA
386001	GATTTCCATA	GAGGCCATAC	TCTGTCTTAA	GCAGGGATCG	AGCCCAGTAA
386051	GAATGAGACA	GCCTATCCTA	GGAGACAGAG	GAATCCTCTG	ATGTCTGCCF
386101	TTGGCCTGAG	ACTTCCCATC	AGTCTTGGCA	AACCTCTGCT	GGATTGTACA
386151	GTAGTCTATA	ATGCTCCTGT	CTGGTGTTC	TCCCCGATTG	GCTTCTTGGG
386201	GTTGCGGTTT	GACTGTGCTT	ACTTATTAAA	GTTTGCCCTG	GCATCTGTTF
386251	TTCAAATGCC	CCAGATGAGC	ACCATGAACA	AGCCCTGCTG	AAATCCCAAC
386301	ACAACAGAGA	AGTAGACTCA	AGGTGGGGTT	CTAGAAAACC	AGAGACTGCA
386351	GATTACCCA	GGCATGATCA	GTTGAAGGAGT	GGGATGCAGG	GTTTCCCCAC
386401	GTTAGACAAG	GAGCAACAGC	AGGGAGCATT	TTCTGGAATC	TAGAGGCTTG
386451	GGGAATGGAT	TGCTTTTATAG	GAGTTAGAGA	GTTTCCATAA	GGATTGTAGT
386501	GAAGTGGAAA	CGTAAGAGTT	CTTCGGAAAAG	TCGGTTGGAT	GGTGTTTTGC
386551	TGGGGCAAAC	ATGTGAAGGA	ATGTTTAGCT	GAAGTGGACA	CATGAAAAAG
386601	AACGTTCTGC	TAAAGCAAGA	AGGTGAAAGG	ACATATGATG	AACGATTCCCT
386651	CACTAGCAAA	GCATGTATTG	TCCACCTTC	CTTTGTGTAG	TTGAGCTGCA
386701	TTTGTCAAGA	CTCCATAGAG	AGAAACATGC	CGAAAAACTT	TGGGTGCTGT
386751	GCTGCAGTTT	CTTGCCAATT	CCAAGGACTT	GGGCTGATTG	GCAGAGTGGT
386801	GTCAGCTGAG	ACAGACACAT	GTGCTGAGGC	GAGACCTGTG	GAGGACACAT
386851	ATTTGCAGGG	AGTATAAAAA	GGACTCAATG	GACAGTGATG	GAGGCTGAGC
386901	TAGGCTTGCT	TATAGAGCTA	GCTGTGCAAT	GCTTGTGGT	CTTGTGTCTC
386951	CACTGTCTTC	ACTGATCTTC	ACTTTGCTGA	GAGAGGCACA	GCCAAGAACT
387001	TCTGCCATCC	CTCCACTGTA	CTTGTGCCAA	GGCTGAGGCC	TGGCTGTCTC
387051	TGCTAGGTCA	TGCCAACCGCT	GCTGATTCCT	GTTTGTCTAA	TCTAACTTTA
387101	CTGAACGGT	CTGCTGGTGT	CTCAGTTAAA	GTGCCTGTGA	GTGGATCAGG
387151	CTGCTGTAGC	TAACCTGTGA	ACAGAAGTGT	CAATTTCCAG	ACGACACAGA
387201	TGGGAGTTGC	TCCAAAGAAC	CCCTCTAAAC	AGGTCCACTG	CCTTTCTATC
387251	CTTTCTTTTC	CACTGCCTAT	GGTGGGTTGG	TGGGTTGAAA	GGGAGGTTAA
387301	AGCATTTAAT	AACCATTCAT	AAAAATAGAC	TTTGAAAAAA	TTAGAGTTAT
387351	ACGGTAACCA	TAGGCAGGTT	CCAGGTAAC	AGGAACTCAG	CACTCTAAAT
387401	TCAGTAGTCT	GCCCCACCC	AATCCGAAGC	TACTGGTGT	TGAACTCAAT
387451	TGGAAACCGA	GGGGTTTGTG	GGCATGTTGA	AAGCTCGTGT	GTGTCCACCA
387501	CAGGGAGGAT	GAGAGTGGCA	GGACTGAGAG	GAGATGTCTC	CAGACAAAAG
387551	CCAGAAACCA	GCTTTGGTGT	GGTGGCAGCG	AGCCTTCTGC	CTAGGTTTGC
387601	CAGAAGCAAC	AATCCTAAAA	GAAATATGCA	AGTCAGCAAA	CCAACGAGCA
387651	GTTTCTCTCC	AAGGATCTGC	TGCTTCAGCG	CCGAAGCGCG	TCTGTACAGC
387701	ATGGTTACAC	TGAGCCCTCT	GCATCTCTTA	GCCTCAAAC	CCCCCAAGTG
387751	GCAGCTTCAT	CCTCCAGCTA	GTCCACCTGA	TCCCTTCTGA	GTGCTTCTACT
387801	CGGCGTAGTC	AGAGACAGGA	CAGCCATCTG	TCCCTGTGAG	CTTCACGCAG
387851	GAGGGAGAAA	ACCTCTCCAG	AACATCTCGG	AAGATTCTTA	TTAACAGCCA
387901	TGGTTGTGAG	AAGAGAATGC	TGAACAAGCC	CTGGGTTCTG	CTGGAAAGGG
387951	AGGAGCCTGC	TACACATTC	CCCCTTCTT	TCTTGGCGGA	ATCTTTTAT
388001	GAAGTCCAGG	CTGGCTCTGA	GTGTACCCTG	CCTTCTCTGT	GCTGGTTTAG
388051	AGGCATATGC	ACCTTACCCC	ACCCACTTCA	TTTAACTTCA	AACTACAAAC
388101	TGAGTTAGCT	CCCTGATGCA	TACGTCCGAT	TACTACATCA	TTCTTCTCTT
388151	CGTAGAACCC	TGCCACCCTG	GCATACAGTC	AGTACCATTG	TTCTGGAACC
388201	CCAGTGAGAC	ACCCAGTCT	CCCTCCTCTG	CCGACTCCCT	ATCTGTCTTT
388251	ATAATACACA	GTCACGCCCT	TCCCACGGCC	GTTCACTTTG	TGGGTTCTTT
388301	CATGACCTTG	GTATGGAGAG	CCCTGCATCA	TTGGCCTTCC	TCAGCTTGTT
388351	GTAGGAAATA	CCACATGCAT	GTGACATCCC	GGGAGCCTTC	CCATGGCCTG
388401	CTGTGTGCTC	CATGACAGCT	TGTGTTTGTG	TGTAGGGCTT	CTGTGAATCC
388451	CAATAACCTG	TCTTCTAAAT	AGTCTCTCCT	GGTTTCTAGG	ATGGAAGGAG
388501	GAGCTGTAC	TTATTGAAG	CATGGCTGGA	AGCCTGGGTC	AGCACTCAGC
388551	TTCTAGCAAT	CAGGCAGCCT	GGGATGGACT	CTTCTTGGCT	TTGTTGTTGT
388601	TTTCTAGTGA	CCCTAGGCAA	GTTATTTAAC	TCCCCTGCGT	ATCTGTGTCC
388651	CCACGCGTCA	GTAGGAACCT	AATATTAACA	ACCTAATGGG	ATTTATGATG
388701	AACGTCAAGC	AAGGTGACTT	ATGTAAAGTA	CTTAGCAGAG	CGCCTGGTAC

388751	AGGGTCATTG	CACAGTGAGT	ATTTGCAGAC	TGAATGGTGA	TGAGATAAAA
388801	TATGTTTAAA	CAGAACTGAG	TCTTTTCCAC	TATTCTGGAG	TGCCACATTA
388851	TGCCCTAATA	TACTTGCCCC	GATAGAGGTC	TGTCAAGGCC	AATCTTTTCT
388901	ATGTGACTGG	GAAGGGGAAA	AACGTAGCTG	TCTGCTGATC	TCCTAGCACC
388951	GTTACCAACT	GTGATGCTGC	TCAGATCTGC	CACTACAGAT	TGAGCCTCTC
389001	AACTGTGCCA	GCAATTAACC	ATACTTACTA	AGCAGAAAGG	CAGGTITGAG
389051	AGCAGGGACT	CGCTTCCTGC	CACACACACT	TCAGTCTCAT	CCATTAGTCA
389101	GCATATAAAC	AGCAAAATACA	TTAGCCTTCA	AAGAACCCTG	GAGGATGGGT
389151	GGCACTTACT	CAAGAGGAAC	AGGAAGAAAAG	AAAGATTACC	CAGATAATGG
389201	GAAGAAAAGA	GAAGTGGGAG	CTCAATCAAAT	AGAGGAGGGC	AGTGTGGGCA
389251	CATCGGTGAG	TGGCAGCAGA	GTCTTGCAAG	AAGAAAGTCT	TGGATAGCTT
389301	CCTTAAAAAA	AAAAAAAAAA	GGTGAACCTAC	CTTAAATTAA	TGT'TTTGTCA
389351	CAGAAGTATA	GAACCAGGAA	GGAATTTTAA	ATCCTCTTGT	T'TGAAGAAAC
389401	TGGAGCTCAG	AAAGGGAGTT	TTGACCAAAG	TCACCTCATT	GGTCGCACACC
389451	CCCAGATTTT	TCTTGCCTTA	GGCTGTACAT	TTCTTTTACT	AAAGCGGCTC
389501	T'TGAAGAGTT	TAGACTATTTC	GGCTTCTTAA	AGCGACACTG	AGGTAGCTTA
389551	TTAGGAAAAGT	TTCGTCATGG	GTGGGGAGGA	GAGAGAATAA	TGGGTGTGGA
389601	GAACAGGGAC	TGAGAAGGGA	GGAGGTGCT	GGGAGGAAAG	TCGTCAGCCT
389651	CTTCTAATGC	TCCCTTCCTT	CTGTAGAGAG	CCTAAGCCAT	ATATTCATAC
389701	TGAAGGGTGA	ATGACGCCAA	GCCATTCTCA	AATGGTGTCT	GCTAGGAAGG
389751	GTGTGTGGTC	ATAAGGACAA	GCTTATGAAG	ACCTCTCTCT	AATCCCCATCT
389801	GCCTCAGTGT	CATGCCATAA	CTTCAGGAAA	ACTCCCCTAC	CAAGCGAACCC
389851	ACCCAGAACA	TTCTAAAGGG	ACGATTCTTA	AGATAATTGG	GGACAGGTGC
389901	CACACCATGA	CCCTCGTCTC	ATGCCTCAGT	TATTCAGGCT	AAACATAATT
389951	CATTCTTTCT	GCTGCTCCCA	CCCAGTTTAC	CCTTGTTGTC	CTGCTCCGGA
390001	TGAGTGGCCA	TCTGTCCCTG	TCTATTTCAA	AGAACCATGA	ATGGTACATT
390051	TAAGACCAGT	TGTGCAGGAA	GCTTGGGACA	GTCCCCTCCC	ACTCACCCAC
390101	CCCCATGGTT	CACGGGTAAG	TTTCTATTAA	CAGAGTCTGA	GTAAACAGGGC
390151	CTCTTCCGAA	GCTCATAGGC	AAGCAGCTAC	CAATGGACAC	TGAGCTGCAC
390201	AGAAGTTTGC	GCTGAAGAGG	GCTTCGCCCC	GTCATCAACC	CACACATCCA
390251	GTTACACTGG	AGAAGAACAG	ACAAATATGG	GAGAAAGCAT	AGCAGTIGCT
390301	GTCACATTCC	AAGCCAGCTC	CCCACGCATG	CTCATAAGGA	TACTTCCCCT
390351	CTCCCAGATC	TGAAACCACA	GAGTCCTGTC	TGAATATCCT	TTCTTTTCATA
390401	CTTATACCAT	TGTGTTGCTT	TTATTCTTTC	TATCAAATCC	ATCCCTTCCC
390451	ATTTCTCTCT	GT'TTCCACAC	TCACTACCAT	CTGAAGAGTT	GCTCACATTG
390501	ATGCTCTCCT	TCGGCTGCTT	TACAGGGTGG	ATCCAGAACT	CTGCATTGGC
390551	CTTAAACATA	CCTTTCTGTC	GCCCATTGGG	GTTGGGCTAG	GGATGTAATC
390601	CGTGTCTTGA	CTGTGTTGCT	CCTCAGGAGA	AAGAAGGAAC	TTCCAATTCT
390651	ACCTTCGTGA	CCTTTTATTT	CCAATGGCTT	CAGCTCGGTC	CTGCTGTCTG
390701	TCACTTCTCC	ACTGTTTGCA	TCGCATCCTG	TATCTATAAG	ACTATATTTT
390751	TGACATTTAA	GAAAAATGTA	AGCATCTTTT	TTTCCCCTGA	TATTTT'TTTT
390801	GGTTTGTGTT	GCTGCTGCTG	CTGCTTCTTC	TTCTTCTTCT	TCTTCTGTTT
390851	CTTCTTCTTC	TTCTCTCTCC	TCTTCTCTCT	CCTCTCTCTC	CTCTCTCTCC
390901	TCCTTCTCTT	CTTCTTCTTC	TTCTTCTTCT	TCTTCTTCTT	CTTCTTCTTC
390951	T'TCTTCTTCT	TCTTCTCTCT	CCTCTTCTTC	TTCC'TXXXXX	XXXXXXXXXX
391001	XXXXXATAAC	ATTCATTCTT	CATCTACTTC	ATATTACATC	TACCTCTCCA
391051	TCCTCTTAAA	CAAATTCTTC	CTCCTCCTCT	TCTGTCTTCC	TCTTCTTCTC
391101	CCTCTTCTTC	CTCCTCTTCT	TCCTCCTCTT	CTTCTCTCTC	TTCTTCTTCC
391151	TCTTCTTCTC	CCTCTTCTTC	CTCCTCTTCT	TCCTCTCTCT	CCTCTCTCTC
391201	CTCCTCTCTC	TCCTCTCTCT	CCTCTTCTCT	CTTCTTCTTC	TCTTCTTCTC
391251	TCTTCTTCTC	AAGGTCTCCT	GTTGTCCAGG	CTGCCTTAAA	ACTTAGGCTT
391301	ATTCTCCTGC	CTCTACTTAC	CTAATACTGT	AAACAGGTC	GCACCACCAT
391351	CATGCCCAGT	TTAGAGAATC	TGGGAAGCAA	ACCCAGGGGG	TCTGAACACG
391401	TAGGCAGGTC	TACTCTGCCA	ATCGAGCTAT	ATCCACAGCC	CCCTATAAAA
391451	GACTTTCACT	TATTTCTTTG	AAACATCACG	TCTGCCTCTA	ATCCATTCCA
391501	CACAGAGCCT	AACTGGTCCC	TTTAAAAATA	ATAATTTTCA	TTTCAGAGAC
391551	TCTCTT'TCCT	AAAAATCTCT	AGATATCAAA	GCATTTCATT	CATCAGGGAC
391601	GATGAAGTCA	TCTTAAC'TA	CTCAAAGCTG	ATCTTCTTAA	TTGATCAAGA
391651	CATTCTTTTC	TTCTCTACTT	ACTAGAAGAG	TCATTAGAAT	CCTTCTCCTG
391701	CCCTTACCAC	CAACTTCCCG	AGACTGGCTT	GGGAAGGTCT	TCTTCAGCCT
391751	GCAAAAATTA	CTTGTAAGGG	T'TGGGCTTTG	ATGGTCTCTC	CTCTCTGTGT
391801	TC'TTGTGTAG	TGTACCATAT	CTTGTCGGTC	CATACATGCA	GGCCCTGTIT

391851	CCCGAAATGG	ACTGTGAGTT	CTGTTTATGC	TTTGATTTTC	TTGTTTGTGT
391901	GTGTGTGTGT	GTATGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TTTCTTAAAT
391951	GACTGGACTC	TGCTCCCAGA	GTGGAGGCAG	ACATGGTTTG	CAGGTGTCCCT
392001	CAGGTCAGAG	AGGAGATGCT	ATAGGCTGGG	GTGTGTGCTGG	AAGGAGAGCG
392051	AGGCACGGAG	GTGAAGCAAG	GTCCAGGGAG	CAAGGCAAGG	TCATGAGTAC
392101	ACAAGCAGAG	CCCAGGATGG	AGAAGTGTGG	GAAGGCATTG	GGATACAGGC
392151	TGCAAGTTGG	AACAGGGCAG	ACTGTTTCAGA	GCCGTGCTGG	TTGAGGAAAT
392201	GCTCCTGGGA	ACTGTCAGGC	TTGCTTCTGT	GCAGGATCAG	CCATTAAAC
392251	AGAACTATGT	GTGTAATCGG	CATTAATGCA	TAGAGAGGCA	AAAGCATAAA
392301	TCAAAGAAAG	GCTGCCTAAT	CCCGTGTGTA	AATATCACAT	TAACAAGAAA
392351	TTTCTATGGC	TTCTTCAGTC	TCCTACAACC	AGTTTTATAT	TAAAAATACC
392401	AGCTTGGCAA	CTTTCCCTTA	AACTATGGGG	TCTCTTGAGG	CATCTTTAAT
392451	GTCGTACTTA	AGCCAGTGTG	GAAAGGACCG	CCTTTGCTAC	ACATACTGGT
392501	AAGACAGCCT	GGCTTACAAA	TGTAGCACAT	GGAAACACAT	AGATACCACCT
392551	TGGGGACTTG	TGCAGATTAG	ATCCACAGGA	AACCTTGCTT	TTTTCCCCCT
392601	CCGCCCCAC	CGAGTCTGAG	GGACAAGCCT	TCTTGCCACA	GCTGCACAAA
392651	ATTAACATCC	GGCTCCTGCC	AAGAAAGCAG	GTGACAAGCT	CAATGGGTCT
392701	CCTTGGGTTT	GATTTTTGCC	ATGGCAGGAA	CGTGGACATT	CTGACTAGGC
392751	ATTTGTCTGT	GGAGCTAGAA	GGATGGTAAA	TGGGCAAGGA	GGGGAGGGGA
392801	GTCCGGGAAG	AGAAAGCAGC	ACGTGGGAGC	AAAAAAAAAGA	AAAAGAAAAA
392851	AAAAAAAAACA	CCAAGACAAA	ACCAAAACAA	AATCCAGGTG	ATAGGAGCAA
392901	GGGCAGCTTG	CATTCGCCCA	AGCGCATGGA	AACAAGCTGA	CTCAGACAAA
392951	CCAGGGAAAG	ACCGGAGAAAT	TTGTGCATGC	ATGGTGTGAA	TCCTCTAAGG
393001	AAGAAGGCAA	ACCACCAATT	CCAATTAACC	TTGTGCGTTA	TAAGCAAATC
393051	TGAGTATTTT	GATCAGGAGC	TTCTGAAATT	GATCTGTATT	GCCCCATGCC
393101	CTGATAACTG	GTAAACTGCA	TCAGAAGTGA	GACACCTGGG	GGTTAGGGGC
393151	AGAAAGCCCC	TTCTTTTATG	GGGTACAACCT	GCACTCATGT	GGTTTCCCTG
393201	TTGGGAGCTG	TGGGTATTCT	AGACTGGGCC	GAAGGGATCT	TTACCACCCA
393251	CGCTGCCACT	CAGCGTGCCT	GTTTTCAGGG	CTTTACACGA	AGAGGGATAT
393301	TCATAGTTCT	TTGTATTTCGA	GAATAGACAA	TCCTACTGGC	TTGCAGAATT
393351	TCAAGTGCTA	GGGTGGCCAA	CTGCTGCTTG	TTAATTGTTC	AGGCTGGGAG
393401	TGGGCATCTG	TTGGGTTTTA	GAAATTCAGG	CTGGGTGCCA	CATTCCATTA
393451	CTAATAGTGC	CCAGTTTCTG	GTTCTGTGAG	GCATGAGACT	CATCCCTCTC
393501	CTTGAAGACA	ATCTAATATT	AACCTCACCA	GGTCCCCCTC	TTTTCTCTCAG
393551	ACAAAGAGTA	GGTCTGAGAA	TCACAGCACC	CATGAGTTCC	TCCCCCTGTG
393601	TTCCGGTCTT	GCTTATTTGQ	ATTTCTGATT	TGATTTTGGT	TTTCTGTAGA
393651	CAGGACTCT	ATGCACCCAA	GGTTGGCCTA	GAAGTCAGTA	TGTATCCAGG
393701	CTGGCCTCCA	ACTCAGATTT	TTTCTGCTCT	CAGCCTCCGA	ACGCCAGGAT
393751	GACAGAAGTA	CACGGTCACA	CCGGGTGCAT	GTTTAGTACT	GACCAAAAGG
393801	GCAAAGATAC	TGAACACCAG	GAAATGCATC	TCACCCACCA	TGGTGTCCCA
393851	GCAAATAAAG	TTGGGTGTTT	TTACAATACC	GAGATCCTTA	AGGTCGCTTG
393901	GGGTACAGCT	GGGTTTTCCA	GTCATCTGCG	TGTTTTGACCT	CTTGAGTTTA
393951	TTTTCTTACG	TTTCTTACGT	ACTTTCAAAT	GGTCTTTCAA	AAACAGCTGA
394001	CGTTGCCAGG	AGTGTGCTTG	CTACCCGTGA	CCAAAGCACT	TTATTTTCATG
394051	CAGATTTCATA	TCTGTTAAAG	TCTCTTTGAT	AGATATTCAA	AATAAACGGT
394101	GACTATTGTG	AGCCCAGTAG	GTTGGGTTC	CAATACATGA	ATGTTGGTTT
394151	ATAAACTCT	CATGTCTTTT	CCAAGGCTCA	TTACTTAACA	CCATATCTTG
394201	TCGTCTTCAT	CTTCTTCCCTG	CTTGAAGTCC	ATCTTATGAT	TAATTTGTTG
394251	TTCATTTTAA	CTCTGTTCTC	AAATAGCCCC	TATGTATAAT	AAATGGGTGA
394301	TGCATTATCT	ACAGCCCTGA	TTACCCCAAA	TATAATTAC	TCTGTCAAGT
394351	CTAAAAACGG	GATGCCAAGT	TTTTAGTTGT	GTTGTTTTTG	GTTATACAAG
394401	ATATATGTGT	ATTTGTCTAA	CAGTATTAAA	GAACAAAGGT	AATAATGTGA
394451	GAAGAACAAA	AATACAGTAA	AATATCAAAA	GTAATGGGGT	AGGGGATTAG
394501	GTCACGTGCA	GAGCCTTTAG	GCAAATGGAG	CTCCCTTACA	GAACAGATCG
394551	TATGTGATAC	TTCTGCTCTG	TCGACACAGA	AGATTACAGA	AAAAAGGGAG
394601	GCGTGTCTCT	ACATTTCAATC	TGCTGAGGCC	TTTAGCTACC	TTGACCTCGG
394651	GCTTCCCCAC	CTCCAGAATC	CTGAGACGTA	ACACTCTGAT	GCTTAGCATT
394701	CACCTAGCCT	CTAGGGTATT	TTATTTTTTT	TAATTTATTT	TAATTTATGT
394751	CTATGTGTGT	GCCTGCTTGT	CTGTATGTGT	ACCACATGTG	TTCTGGTACC
394801	TGTGTAAGCC	AGAAGAGGGT	GTTAGAATCT	TCGTGAACTG	GAGTTACAAA
394851	TGGTTATGAG	CCACCTAGAA	GGGGTCTCTG	GAAGTGAAGC	CAGGTCTCTT
394901	GCAAGGGCAG	CAGGCACCTCA	CACCTCTTAAC	TGCTGGGCCA	TCTCAGCAGC

394951	CTCCAACAGG	TGGAC'TAAAA	ACCAGAGATG	CAGGGAAAGG	CATGTGGAC'T
395001	CAGGAAGGAA	CAAAGGTAAC	TGAACCTATG	GGGCTTTAGC	TAAGTAATAG
395051	GCCATGTTCT	GT'TTCCTACA	ATTTAATTAA	TTCAGTCTTA	ACAGTTTGAC
395101	TAGGTATATG	TCATTAACAC	AAGTAACACC	CATAATTAAT	GAAACAGATG
395151	GCTTACAC'TT	AGTCAACTCA	AAGCGGGGTT	ATTAAAGTTT	TATTTGAACT
395201	GACACATCCA	TGCCATCAAA	GCAACAATTA	AAAGCACGTG	TGAGCAAAGA
395251	CTGCTCTGAT	GGT'TTCCCTT	TGATGAAATA	AATATCTAAA	ATGAAGCC'TT
395301	GTCTTGTACC	CAGAAATTCA	TCTGAAAT'T	TGTGTCAACT	CC'TAAAACTT
395351	GAAAAATGCT	GCTGCCTTTG	TGCTTTGCCT	CATAAT'TAAA	AAAAAAAAAAA
395401	ACCCAAAACT	ATAAGATAGA	AGCAAAAAGA	AAAT'TGTCTA	CTTCCTTATT
395451	TTTATTCCTA	GTTGTGTAAG	CTGAAAACAT	AGTGCGATTG	TCTGAATA'FA
395501	TTATATGGAA	TGTTGGAGTG	ATGTTTTATA	GCTTGAAAAA	GGGTTCAGTGA
395551	GCACATTAC	AAAGGCATCC	AGTAGCCATG	GTTGGTCACA	ACCTTCACTT
395601	TGTTTTAATT	TTGCAAAGAA	ATGTGAAGAT	TTAAAAAAAT	TGTTTATGTG
395651	GTGTGTGTGT	ATGTATAAGT	GCGTGACCT	GCAGAGACCA	AAAGAGGGTG
395701	GTGGCCATCC	CAAGACTGGA	G'TTAGAGGTG	GTTATGTGCT	TGGAACAGAA
395751	CTTCGGTCCT	TTGCAAGAAC	AGTGCCTGCT	CTTAACCACT	GAGATA'CTC
395801	ACCAGT'TCTC	AGACAGAGCA	TTTTTTAAAA	GCACATTTAA	AAAAAATATT
395851	TTAAAAACGT	ACAGACTGTT	CTCAGACTCA	TGAACCTTCT	GCCTCTATCT
395901	CTTCCACAAA	CCCTACTGGC	ATACTGGCAT	ATTTTCATCAC	AGTCAGAAAA
395951	AAAAAAAATA	AAACCCTTAA	AGGAGATCCC	GCTGATAACC	TAGAGGATTA
396001	TTTCTTGAAT	TATTTCTCTCA	TTC'TTCTCCC	TCCATCATAT	TCCAAAGCCG
396051	ACACCCCTCC	AAGACCGTTT	TTCCTCTATG	GACTGTGCTC	AGCTACCCGC
396101	CAAAT'TCTTG	GA'TGCCACA	AACCCTTTTA	AATCTTCTTC	ATATTCCCCC
396151	ACCCCAT'TTT	TTCATCAT'TT	TAAGTTTCTT	TCAAGAAATC	TCTGGCACAT
396201	TTCTCAT'TCT	AGACAGCTAG	CTGTAGTCAG	TGGGACCATG	ACATGACTAT
396251	CAAATTAAGT	AGAGATAATG	TCGATAAACT	TTGAAGTTTT	CATGGCGGTT
396301	ACGTG'TTGG	AAAAGAGGCA	AATTAGTTAT	TGATATACAA	ATTCTACTTG
396351	GAATCTTTAT	TTGAAAAAGA	TGTATGAAGG	CCATTTTTAT	TGATAAAAC
396401	AGGCTGCTTT	TGAAGATTCA	CCATCACATT	AGCATAAGAA	AAGCTCTGAG
396451	AAGTGATTGA	GAAACAAAGA	ATTTTATTTT	TTTCATTCCA	TCTAATATTT
396501	TTCCCAAATG	GATCTCAGAA	TGAATTCTTT	TGATCATCTC	CTATCCTCTC
396551	ACATACAAAA	GCACCCACGA	AACACAA'TT	GAGCAATAAA	ATGGCT'TTAA
396601	ATAGTAAAAG	ACATAACAA	AGTAATTAGA	GGCTATCATA	TACACAAGTG
396651	TGGATGGATG	GTTTCCTGGG	GACAGTAGTC	GTCTGAATGA	GGTCTGCATT
396701	TTCCATATGT	CATGTAGAGT	ATTATCATTT	CCTACCTTGC	CTTATGGGCC
396751	ACTGTCAACA	TGTATGGTTC	ACATTTAAAG	AGGCTACATC	CAACTGCTTT
396801	GGATAGCACT	TCTCCTTGGA	TGGTTTTC	TAAGGTGT'T	TGTGTTGCTA
396851	TCTCCCAGGT	GTCTTGACTT	GCTTTAAACA	TTAGCCAGTG	CCCTGAACTA
396901	ATACGGCCAT	TAAC'TTATTC	ACTCTTC'GT	AAGAACATGG	CCCATGATGA
396951	AAAGGGTGTG	ACTGGCGTAA	ATGGACTTGT	CCTTAGCTAT	TGTATGTGAG
397001	CAAGCACTCA	GGTGATGTGG	TGGTTTGAAT	ATGCTTGGTC	CAAGGAGTGG
397051	CAGTATTAGG	AGGTGTGGCC	TTGTTAGAGT	AGGTGTGGCC	TTGTTGAAGG
397101	AAGTGTGCCA	CTGTTGGGGT	TGGTTTTGAG	ACCTTCCTCC	TAGCTTCCTG
397151	GAAGTCAGTC	TTCTCCTGTT	TGCCTTTGGA	ACAAGATGTA	GAACCTCTCAG
397201	CTCC'TCCCAC	AACATGCCTA	CCTGGACACT	GCCATGTTTT	CTGCCATGAT
397251	GATAATGGAC	TGAACCTCTG	AAAATATAAA	CCAGCTCCAA	TGAAATTAAT
397301	TGATGC'TTGA	TCATGGTGTC	TCCTCACAGC	AATGGAAACC	CTAACTAAGA
397351	CATGTGGTAA	TCTGGGGAA	GACTCTGAAA	ACAGTGATTG	GAGCTATATA
397401	TGCTCATGTA	ACATCCAAAA	TCTCACAGGG	ATTCATGGTT	AGGAGGCAAC
397451	AAAGAATGAA	TAGTTTACAC	AGTTCAAGGT	GTCAGCCAGA	CCTGATAATA
397501	TTTGGGAATT	TTCCAGAAGG	TTCTCACCA	ACAGAAAGAT	AGCATAAAAA
397551	AAGATTTTAG	GCAAAAAACG	AAACAGATTA	TTGGCATCTA	ATTTACTTTG
397601	AAC'TATTGGT	ATTTGGATCG	ATACTGGATG	TGAAGATTCA	AGTCTAT'TCT
397651	TTGAGT'TTGG	AA'TTTTATCA	CCTCTTGGCC	TTTTGGCTAA	GATCAAGTGC
397701	AAAGTTTGAA	AAT'TATGGTT	TGTCCAAAAT	TTATCTCAAC	ATAAACTAGC
397751	ATTTCTACCT	AAAGACATTC	AACTTATAGG	GAAAAAATAA	GTATGTACCT
397801	AAAAAATAAA	T'TTCAGGTTT	CTATGTTATA	TCCAAAGGTG	GTAACCATTA
397851	TCCATTAAAC	ATTTCCAATT	CTCTATCTGA	ATGAAGCTAG	GATTGCGTGC
397901	TCCTCCCCT	TTATGGTAAAC	TGAAGACATG	TGACCAGCTT	TGGCTACGGA
397951	AGTATGAAAG	GAAAAACCAC	ATGGCTTCCA	GGCAAAAATC	CTAAGGACAG
398001	ATACA'TAATT	ATCCATAGAG	TGAGCAAAAA	A'TTAAAAATT	ACTCTTTTCAT



398051	ATCATCTAGG	GTGGGAGTG	CTTGTTACTA	CAGTTTTTCG	TAACITATTC
398101	TGATTGGTTT	ACCACAACAG	AACATTAATA	GTCCATGAAC	AGCATACGGT
398151	AGAAAGTTTA	GACAAAAAGA	AAAGATACAA	ATGGCATATT	AAACGTGCAT
398201	TTCAAAATAT	TGTTTCAGTCA	TTGGCAAATA	TATGTGAAAT	TATGTTATTG
398251	GGGGTATACT	GAGCCTTAAG	AACCTTAAAA	CTGGAGGAAA	ATACTTTAAA
398301	AAAGAATATT	TAGTATGGGT	ATTGTGATAG	TTTGTATATG	CTTGGCCAG
398351	GGAGTGGCAC	TATTAGTAAG	TGTGGCCTTG	TTGGAGTAGG	TGTGTCACTC
398401	TGGGCGTGAA	CTTTGAGAAC	CTTGTCCCTAG	CTGCCTGGAA	GCCAATATTC
398451	TGCTAGCAGC	CTTCAGATGA	AGATGTAGAA	CTCTTAGCTT	CTCCACACCC
398501	ATGTCTGCCCT	GGATGCTGCC	ATGTTCCCTGC	CTTGATGATA	CTGGACTGAA
398551	CCTCTGAACC	TATAAGCCAG	CCCCAATTAA	ATGATGTCCA	CTATAAGAGT
398601	TGCCTTGGTC	ATGGTGTCTG	TTCATAGCAG	TAATGCCCTA	ACTAAGACAA
398651	GTATATTGAT	AGATGGATGG	CTATGTGAAA	TGTGACATAT	TTATTCCACA
398701	GAAATATTGCT	CAGTCTTAAG	AATAGGGAC	ACATTGACAT	ATGTTGCAGC
398751	ATATGAAGAT	ATTTTGCTAT	GTGAAATAAG	TCAGTCGCAA	AAATGTAAAT
398801	ACCATGTAGT	GGAGTTAACT	TAGAATAGTC	AAAAITGTAG	AGACAGAAGA
398851	CAGACCTGTG	GATGTCAGAA	CCTGGGAGAG	AGGGAACGTG	GAGTGTTTTAC
398901	TGGGTATATA	ACTCCAGCTT	CACAAGATCA	TAGGGTATTA	TGGAGACATC
398951	CTGCACATGT	GCTCAGAGCT	GACCACTCAG	CAGACTGTAT	GTGTGTCTGA
399001	GACCATAAAA	AGTATAGAAT	AAGAGGTGAT	GAGTTTGAGA	GGGATGGGGA
399051	TATGGGAGGA	ACTGAGGGGG	CAAAATGAGG	AGATACCATG	ATCATATATG
399101	GAGTATATGA	TTGTGAAGGC	GTGGAGATGA	ACACTGGCCA	CAGCTGCTCA
399151	GTATATGATA	CTGTATACCA	TACAGGAACT	ACCACTGTTC	CATTCAAATA
399201	GGTAAGATGG	TAAACTTTAT	GTTATGTGCG	TTTTGCTGAG	ATTTAAAAAA
399251	ATAGGGGAAT	GT'TTTTGTGG	GAAGAGACCA	AATACTCTAT	TTTTCCTTTT
399301	TTGGGGTAAT	CATGCCCTTT	CTGGGCTTGA	AGAGTACCTC	AAATCTCTCC
399351	TTTGAGAAAT	GAAGAAAGCA	AGTGATTCCT	GGTGTCTAGA	TCATATTCTC
399401	CTTGTCCCCA	AGAGGTCACC	TGATGGCCAG	ACAGGAGCCG	TCATCGTGCA
399451	ACCTCTGCCC	CTAAGTAGAG	CTGTGCTCTA	GAAGTTGCAG	GGCTTATGTT
399501	GCAGTTTGGC	GAGATACCAC	ATCCGTTCCT	CTCCTCCTCG	TGGAAACAAA
399551	AGCTCTGCTC	AGAGCAAAGA	TAAACCTTCA	CTAAAGCATA	GAGAGATGGT
399601	AAACAGCCTG	ATGAAACCCT	GCAGCCACCT	TGCAAAAAAT	CATGGTGTCT
399651	TCTTTCAAAA	CATGAGCACC	CAGAAATTTGG	CCAGTGAGGT	GTGGCTCACT
399701	GGTAGGTGCT	TGCCTTGCAT	GCAGGAGACC	CTGGATGTGA	TCCACGGCGC
399751	AAGTCAGTAA	AGAAGTACAT	GAACAAATCC	CATATTCCCC	GAGGAAATGC
399801	CACATTCAAC	ATCCAGCTTC	CTGTGTGTGT	GTCCTCATCT	CTCATGACAA
399851	GATGGCACCT	GTGATCTCTC	TCCTGCTGTC	CTTGAAGATA	AAGAAGGTGA
399901	CAGGGAAGGA	AAGCTTCACC	ACAGGGAGCT	CCTCTCTGAG	ACTACAATCT
399951	TCCCAACAGG	GTAGGAGGGA	GCACAATTAT	CTGCAAAGGC	TGCAATTAGT
400001	AGTGTCAGAT	GTAACCTTTG	TTCCGCCGTG	AGAGTCCAAG	GCACCTGCGT
400051	CATCCCCTAA	GATCTACTGC	TCTGTCTATG	CATGACGAAG	GTTTTGTCCC
400101	TCTGTGTGGG	AGCCTGTGCT	TACTACATCA	CATGCCTGTG	TTCCCAAAGG
400151	ACCCATCTCA	TTCCAAGACA	GTGATGCCTT	GACACAGAAG	GAGACAAAGG
400201	TGTGTGACTT	CCCTTTTGAG	CTGCCTCTCA	AATTTCCCTG	CAGATTCCAA
400251	TGAGACCACC	ACGTCTGGAG	TACATGAGAC	AAATGTGGCG	GGGGGGGGGG
400301	AATCCACTTT	TAAC'TTTT'T	ACTGTGGAGT	AAAACCTTCA	AAATAGTTCA
400351	AAATAGTGGA	AAACCTTCAC	CTGCATACCA	TGCTGTGACA	GGAGTACAGT
400401	GAGACATTCA	TGTACACACA	GTGAGGTGCA	TGTAAAGTGT	CCAGTTTGAC
400451	TGGGAAATCT	TCATACAAGA	CAGCATCCAT	CTCTGCAGGA	TAGAGCATTT
400501	GTGTGTGCGC	CGGGGTGGGT	ATGCAGAAGT	GGAATCCACA	TTTTAGCAAT
400551	GCTTTTTTCT	TTTTTTCCTCC	TGCTTCACAG	TCAACTGCCA	TTTTTAAAG
400601	CATCTGTTCT	GCAAGCCAAA	GAGGGGGAAG	GGGACATATA	CCACTCACTT
400651	GTAAGTGCTC	AGAGAAGGAG	CTCTGGAGAA	ACGCTGCCCA	CTTAACCTCT
400701	CTTAGCTCTG	TGAATGATTA	CAGGGTTTGG	GCTATTTCTG	GCCACATCAT
400751	CTTGTCTTTG	AAAAAAGGGA	AGTCGTTAAG	CAGAGTGGGC	AATTGTATCT
400801	TTGTACATTT	AGTAATTCGC	CTTGAGTCAG	AAAGTCTAGA	CACCTCCCTG
400851	GGGATATGAA	ACAGCATGGT	GTGTGTTTCT	ATGACCTTCA	AGACTCTTTT
400901	GTAACCCAAA	AGGCATTGAG	CAACCAGATC	TCAAAGTAAG	TGGGCTCCAG
400951	AGCTCCTGGT	TAGGACATGG	GAGGCATAGA	GAAAGTGCAC	TGAGCCAGTA
401001	GCTGGACACA	GCCAGTCCTG	CCCTGAGCAG	GGGAAGCCAC	CAGAGCTATG
401051	GATCAGGCAG	GGCTCAGTCC	CATTCAAATG	CCATTGATTT	CCTATCACAA
401101	CAACCTGAGA	ATTTGACCTG	GGCCTCTGTC	CTTTCTGCTG	AGCAGCACAA

401151	TTCAAAGAGC	ACGTATTTAT	TGGGTGCTGC	CAGGTGCGGG	GGACAGTAAC
401201	ACCTGATTCT	CTTGCGCTTC	ATGGTAGCAC	TGTGAGCAGA	ATGGAGAGCA
401251	CTGGTAGGTT	TTAGGGATCC	TGTGCCTCCG	TTGCTTTTGT	TTTTGTTTTG
401301	TTTTTATTTT	GCTGTCTTTT	ACCATTTGCC	GTTTCAAGGT	GCATCACAGA
401351	ATTAACAAGG	ACGTGTATGC	ATCACGTCAG	AGTATACACT	TTCACTTCTT
401401	TCCGAATGGC	ACATAAATTA	GTGGTACTAG	ATTCAGTGAG	GAAACTGAGG
401451	CAGAGATGTG	GAAACTGAGG	TTTGGGGGGA	TGAAATGAT	CACTCAACCA
401501	GGATGTGTTG	GAGCTAGAAC	TGGAATTGA	GCAATTCTG	GAATGGAGTG
401551	TCTTGAAAGG	ATTTGGACTG	CCTGGGTTTG	ATAGTGAAAC	TTACTGTTTT
401601	GCATAATTAC	TAGATGGCAG	CTGAAAAGGA	AGGGGAGGGG	GGACTTACTG
401651	GGTTTGCAGT	CCAGTTTGTT	CAAGTGCTAG	CTAGTCTTGT	GACTTCAGGC
401701	AAGCCTTAAC	CTTCCCTTGT	GTCTTTATTA	ATGGTGACAA	CAATAACAGT
401751	AACTAATCCA	CGGGATFATA	ATGGGAGCTA	AATAAGGTAG	CACACGACCT
401801	TGGGCTCATG	TCTGACATGT	CTGGAAATTC	TCCACTAAAA	TTTAGCTGTG
401851	ATTAGCTTTC	ACGTGTTTTG	AAGAAAGGCA	ACTAGAAAAA	AGTGCAACTA
401901	AAGAGTGTTG	TCAACAACAA	CATCTCCTTG	GCCCTAAAT	TATCTTCATT
401951	CCAGGAGAGG	TACCTTAGGT	GGATTTTGGG	GAAATTATTT	TTTTTGTTTG
402001	TTTGTTTGTT	TTTTGTTTTT	GGTCTGTTTC	TTCAAAACCA	AGATATCAAA
402051	TAAGATGAAA	TGGGAGAAAA	TTCTGAGAGG	AAGTAGCTAT	CCAATGTAAG
402101	GAAGGGACCA	GGACAAGAGA	AAGGATGCCC	AGGAGCAGTG	AAATCTGGGC
402151	CAGCCTTGGG	CAACAGGGTT	TATTTGGAGG	AGGTGGGAAT	AGCAAGGGGG
402201	TTGTGCTAAG	GCTGGCCAGA	GATGACAATT	GTGACCCAG	AAAACAGTGG
402251	CAGAACTGGG	GACTGGAACC	ATGACATAGT	TTTCAGTCTC	TAGTCCCTGA
402301	TTCTTTCAGA	AACCATGGGA	TGAATCGGGT	ATGTCACAAC	TGGCATTTGT
402351	GAGATGCAAA	GACAGAGACA	AGCAGGTGAG	CACAGGAGAA	GGGGTACGAG
402401	GGTCCCCAGA	GCCTGTGTCT	AGGAGAGACA	AGATGCTCAT	GAACAGGAGG
402451	GGTATGTAAG	GCACTGCCCA	GAGCCGATGT	AATAAGTACA	AACATCATTT
402501	CATGGATTTT	GTCTTCTGGT	TGGGGCGTAG	CAACAGGGGT	CATGGATCAT
402551	GAAGCAAGGT	GACCTTCTTT	CTATGGCTTT	TGCAGTGGAA	GTTTGAAAAC
402601	AAATGCATTG	AGGTGAGGAT	GAGAGTCACT	AGGTCCCTGGC	TGAAAATGAC
402651	GCAGAGGATA	CATTTAAAGT	GACACGTTTC	ATATTAACAA	GTGTGTTTCT
402701	TGGCTCACTG	CTCTGACAGA	GTGCACAAGC	AAGCTTGGGA	AGCAAGGGTA
402751	TCCPTTGCTT	CTGGTTTGAG	GGCACCCAGT	CTGCTAGTGT	GGCAGGAGTG
402801	TGAGGCAGTT	AATCTGTGGT	ATCTACATTC	AGACAGTAAA	GAGAGATGCA
402851	GGCTGCAGCC	TCATTTGCTT	TCTCCCTTTT	CTCTATTGTG	TTCCATCTAG
402901	GACTCAGGTT	CATTGCTTCA	CCACATCTGC	CAGGCCTCAC	AGGAAACACC
402951	CTCACAGACA	GGTGCAGAGG	TGTTGTCTCT	GAGCCATTCT	AAATCTAGCC
403001	AAACTGACCA	TGAAGATTCA	CTGCCATAAC	AAAGCGAAGA	CCCCATGTC
403051	TACTTACTGT	AGGCTCTCAG	ACATACTTTT	ATGCAGACTC	AAGACGTGTT
403101	TCTGTGCTC	TGTGTCTTCT	GGCCTTCCC	AAACATGTAC	CCTCAACCTC
403151	ACCCTAAGAC	AGAACCCTTT	CCTTTGTTC	GCCACTTTGC	CCCACAATGC
403201	CTGTCCCTTC	TTCCCACATC	CCCTCCTTAT	GCCAGGCCTT	AGGCCTGACC
403251	TTCCCCAGGA	TAAGAGCAAG	CTGGCAGCTC	CACCCAGGAG	GACAGGCTGT
403301	GTCATTGAAA	TACAAATGAC	AAAGAGTAAG	TCAGGCAAGT	CACACTCTGG
403351	GATGCTCATA	TCCACACAAT	GCAACCTGGG	ACCTGACCAA	GCAGTTTGAT
403401	TTCAACTTA	GACCAAGAGT	CAGGTGGAGG	AGAGGATCCA	GCCTAGCAAG
403451	CCCCATGTTT	GCTTCTGCAT	AAAGAACCCAG	GGCTACAAAG	CAGTGCCTGT
403501	GTTTTGAGGG	TATTGACCAC	TTGAGGGTGA	ACCCTAGAGC	TCGGCAAAGA
403551	ATGGATAGAA	ACCCTTAGCC	ACAGAGGTAA	TGGTCTAGAG	AGGAACATGG
403601	CACACTGCAG	CACAGACCCCT	GGTTTTCTGT	TCCAACTTCT	CCAGACACAG
403651	GGAAGCAGGA	AGTCCAGGGC	TCTGCCATCA	CCACCAGAGA	ATGTTACAGT
403701	CCCCACAGGC	TTTCAACTCA	ACCTGTCTGC	ACAACCACTC	TGCTCCATGG
403751	AAAGAGCACA	CGGCAAGTCT	CTAACCTGCA	GAGCCCAATT	TGCTAGCTAG
403801	CACAGTGCCA	TTTTAATGGA	ATGGAAGTAG	ATTTTCTCTT	GCCCTGGGAT
403851	CAGTAGACAG	CCCTGTCATC	AGGGCAGCTG	CTACCAGAAT	CCCAGAGTTA
403901	TCCACACACT	CTCTGTGCAG	CCTAAAGACA	CATCCCTTTC	TAAAGCACAG
403951	GCCCAGGTTT	ATGGCTTCCA	CTGTGTCTCT	CAGGCCTGAG	GACAGGTGCT
404001	TCTACTGTAA	GTGCCTCCAG	AATTTATAAA	GCCAAGGCAT	TGCCGGATGG
404051	TACTGGTATA	AATCTGGATA	GATGAATGGA	ACAGCATGGA	ATACCCAGCA
404101	ATCAATCCAT	ATATAGCCAA	GTGATTTTCA	ACGGAGGTAC	CAAGAAGACA
404151	CATGGAAGAA	AGGGTGATCT	GTTGGATAAG	TAATGATTGG	GGTAATTATA
404201	TACACACAAA	AGAATGAAAT	TAGGATATTA	CCCCTCTCAA	GACTATGAAG

404251	CAATCAGAAG	AAAACACAGA	GGGGATGTTA	TAAGTCATTA	GTATGGGAAA
404301	AAGAACTTCA	AAGCACAGGC	AAT'TGCAGTG	AGAATATACA	AATGGATTGA
404351	CTCCAGCGAA	GT'TTCTGCCC	AATGAACAGA	AGCATAAAGC	AGAATGAAGA
404401	GATAACAAGT	GGAACAGGAG	AAAATATCAG	CAAACCATCA	CCCAACAAAG
404451	GACCAATATT	CAGTGT'TGCC	GTCTGAGAGT	CACTCCGCAA	ACCACAGGAA
404501	CACCAATCTC	AGAAAGGGAT	GGTTTATTGA	ATGCACATCC	TAATGCTGAT
404551	CAGGGACATA	GCTCGGATTA	TTGGAGCTAT	GGCTACCAAT	AA'TTTTC'TAA
404601	GGGAAGAACT	TAT'TGGAGGA	AAACCACCAT	TAAC'TTCAT'T	TGCAGGGGTG
404651	GTTGGGGGGT	CAGCT'TCTAA	TTCAAAGATA	TTTTAGACAT	AGCACTTTCAT
404701	ACTGACCTTT	AACGTAAAGG	GTCCATATGTA	AAGCTTTGTC	GAATTCCTCA
404751	AGATTAGCAA	ACCTGAGAAC	ATACAGAACA	TAACAGAGGA	TGTGGTCAGC
404801	ATGACCCTGC	TCCGAGTCAG	GTTACTCTTC	TGTGTCAGTG	ACTAGGAGGC
404851	ACTGTACAGC	AACAATATGA	AATTGCCGGC	AGGCATGGGA	CAAAGCGGCT
404901	AQAACATATG	TGGTAGGGGT	TTGGGGGGCA	GACCTCAACA	TTCAGATAT
404951	ATAATCATAT	GATTTAAACA	CTGGGCAAGT	GATATCAATA	TCA'TTTCAT
405001	TTAAAAATGA	GACCTAAAT	GCGCAAGAAG	AATAT'GAAAG	AGAAAAATA
405051	TTCAATCACTA	GACAACAGGG	AATTGCAAT	CAAGGCCACT	GTGATGTACT
405101	AATTTACCCC	TAATTAGAAC	TTCTATTCTC	GAAAAGTCAA	GAACAGAAAA
405151	TAACAAATAC	TGGTAGAGGT	ATCGAGAATG	GGCAGGTGGT	ATGTGCTGTT
405201	TGTGGGAACA	TCAATTAGTA	CACTCACTAT	GGCAAACCGT	GTGGAGGGTC
405251	TCCCTAA AAC	TAAAAAGAGC	CTACTGTGTG	ACCCAGCAGT	CCCATTATTT
405301	GTCAATGTATC	CAAAGGAAAT	GAAGTAAGTA	TATCTAAGAA	ATCCTTGGGC
405351	TCCCAAGTCA	ACTGTAACAC	TATCCATACC	AGCCAAGACA	TGGAAGTTTC
405401	CAAGGCATAT	CTATCCGCAT	ATGAGAAAAT	AGGGAAAATG	TGCTAAATGT
405451	TTTAGTTAGG	GT'TTTACTGC	TGTGTACAGA	TACCATGACC	AAGGCAACTC
405501	TCTTAAGGAC	AGCATTTAAT	TGGGGCTGGC	TTACAGGTTT	AGAGGTTTCA
405551	TCCATTATCA	AGGCAGGGGC	ATAGCAGAAT	CTAGGCAGGT	ATACGGTATG
405601	GGAGCCGAGA	GTTGTACATC	TTTATATGAA	GGCCTCTAGA	AGACTGGCTT
405651	TCAGGCAGCT	AGGAQAATGG	TCTTAAAGCC	TACCCCCACA	TGGGCACACT
405701	TCCTCCACCA	GGGCCACACC	TCCAATAACT	GCCACTCCTG	AGCCAAGCAT
405751	ATTCAAACCA	CCACAGCAAG	TATACACTAT	ATGTTTCATG	ACTATTA AAA
405801	CTGAATATTT	CTGCTT'GCGG	TAATGTGGAT	AAAATCAGAG	GACATCATGG
405851	TAGGTGT AAG	ACGACAACAC	TGAGTGT'TCT	ACATCACTGG	CAGTAGTTGA
405901	GAAAAAAATG	GCTACATGTA	AAATGAGAGG	GAAATACTTG	CTATTAGAGA
405951	CAAAGAAGAC	AGAGGGGAGA	TGGGAGGAGT	TAGGTTGGAT	GTACCAGCAC
406001	AGAGCTAGAG	GGGAAGTGTC	CAATCTGACG	CACAGCAGGA	TAATGATAAC
406051	CTAGACAGTA	TGTTTCAAAG	TAACTAG AAG	TGTTTGAAGA	GGTAAATATG
406101	ATAAATATCC	TGATTTGGTT	ATTATAAACT	GCACAATGCA	ACACATTTTA
406151	CACTCTACAA	ATATGTATTA	TAAAAATAGCA	TGCATCCACC	TAAATATGCT
406201	TCAATAAAAG	AGTCTGGCTA	GCGTGGATTC	CAAATGAAGA	TCTAGCTTTC
406251	AGATTGAGAG	GGGTAAAGG	AGCCAAAG AAG	GGGAGATCTG	ACCCCTTTTC
406301	TATTTGAAGT	GACCAGTGAG	AAGTGT'TACG	TCTGGATCAA	ATTAGCACTG
406351	TTTCGACAAG	TTTACATGCA	CGCGGTTTAC	AGCAGGACAT	GGGATCAAGT
406401	ACCTGCATTA	ATCTGAGATG	CCTCTTCTCT	GGAAACATCA	AATAGGGCCA
406451	AGACTATTTG	GACCAAGTGA	CTCTGAGAAA	GATACTCGGC	ATGGTACCAG
406501	CCATCAGCTG	TTGGCTGCAC	TTGTCAAGAT	ACATGAGCCT	ATGTGTGTTT
406551	TAAATCAC'TT	TCAGTGTCTGA	TGTAAAAAGC	AAAAAACCAA	CCAACCAACC
406601	AAACATGCAA	ACAAACCAAA	AAGCACCTGG	AACTCACTGA	TAAATAGTAT
406651	GTGGATGCTC	CCAGAAGAAA	GAGAAATCAA	AGCTCACCAC	CATGGTAAAG
406701	TGGAAGTCAG	CTTGCTTTTAC	AAATGTCTGAA	TGATGGGCTG	GGATCAAGAC
406751	TGGATGTGAT	AAGGCAAGTC	TATAAGCCCC	AACCTTGAGG	CTCAAACGGG
406801	ATAAAGAGTT	TGATGCTAGC	CTGAGCTGCA	CTGTGAGACT	TGTCTCCAAA
406851	AGTCAAAAAC	ACCAAACCAA	GCCATCAGCA	GATTTGAAAT	AATTCATTAA
406901	AATTCCTCTCA	AGATTAAAGA	AAGTGCTAAA	ACTGGGCACF	GCCGATTGTG
406951	ACGAAGACTT	CACCCACAGA	ATTCTCTAGA	GTCTGGGATT	TTAACTCTAT
407001	GATTAAGTAT	TTGGCCAGTG	TGAGGTTGTG	ACTTGATGGG	TTCAATCCGA
407051	AGCCCTGTAA	AAGAAGTGCA	CACATACCAA	AGGGAAGGGG	GAGAAAAGAA
407101	AGGAAGAAAA	CATGAGCATG	GGTATGGGT	CTAAGAGCCT	AAGAAAAGAG
407151	GATATTAGGG	GCTGGAGAGA	TGGCTCATTTG	GTTATGGACA	CTGACTGCTC
407201	TTCCAGAGGT	CCTGAGTTCA	ATTCCCAGCA	ACCACATGGT	GGCTCACAAC
407251	CATCTGTAAT	GGGGTCCGAT	GCCCTCTTCT	GGTGTG'TCTG	AAGACAGCGA
407301	CAGTGTACTC	ATACATAAAA	TAAATACATT	TTTAAAAAAG	AAAAAGAGGT

407351	TATCAGATTT	GAAGTTACCC	TGGGC'PGCAT	ATGCAACCAA	ACCATGTCCT
407401	TGAAAAATAA	AATAAAATAA	AGTTAAGCAG	GCCTGGCATG	GGGGTTCA'G
407451	CCTAGCAATA	GAGAGGTCGA	GGCAGGAAAA	TCAAAAGTTC	CAGGTTACCC
407501	TCAGCTCTCT	AGTAAGTATG	AAGCCAGTCT	AAGCTACA'G	AGACTCCAGC
407551	TAA'TAAAACG	CTGT'IAAGAA	CATAACCTTG	TTCTT'IAAGG	AAAA'IGGGTT
407601	TTGACATGAA	CATTAATTTT	TTTCTGCACT	TATATGAACC	TAACTACCAA
407651	GTGAATTTAG	ACATAAAAGT	TGTACTTCTT	AAATATTACT	AGGAAACCAG
407701	GAAGAGCTCA	GCAGGAGGTA	GAAAGAAAAA	TCAGCCTGGG	GTCTAGCCAG
407751	CCTCAGCCTA	AGGCTCTGTC	CCCTAGAGAG	GAGCCGGGAG	GAGGCTTGGT
407801	TCCTATGCAG	CCATTICTCA	AAAGCATCTA	GAAATCCTCC	TTTGTGAGCC
407851	CTTCAGGGC	TTATAACACT	GGGGGGAGCC	TGTGTGGAGG	GTGGGCAGCT
407901	TCCTTGCTTT	ATGAAGAGGC	CGCTGTGGTC	AGATGAGACT	TTTGGAAAGC
407951	ACACTTGAGG	GTTTGAAGGC	AGCAGCTGGT	CT'PTCTCCTC	TCGTGCGTAA
408001	GCAAGTCCCT	ACAGGAGTGA	TTCTATCAGT	TCATTAAGGC	TCAGAGGAAA
408051	CGGTGATGGG	GAACAAGCAT	GGAATCTTAA	TGGCGTGCAG	CTATGGTTGG
408101	AGCTAATAAA	GATGACGCTG	CTT'ITCCAA	GTTTGGCTTT	TACGTTGAGC
408151	ACGATAAAAA	GGAGACGAGG	GGATCAACTC	GGTGTCTCT	AATGGAGCTC
408201	AATTC'TGGG	CAGTCCAGGA	TTTCTGGGGA	GAAGAATCAG	GAGTTTGAAG
408251	GGTCTCCCAA	TAGTTGTTCT	CTTTTGTGAC	TGATTCTCT	CCACCCTCAG
408301	GATTGAAGAA	TGGCCAGCTA	ACAGTAGGGA	AGGCTCATGG	GAAAGAAAAA
408351	AAAAGCCCA	ACCTTCCTTT	ATTACATAAA	GTACACAGGA	GTCACAGGGA
408401	GGGGGGCAG	AAATAGAGAC	AAGAAAAATA	AACCACCTGT	AAATTTGC'IA
408451	CCAAAACCTA	TCCCAGCCAG	TGTAGTGGTA	TATCTCTTTA	ATCCTCTCAT
408501	CATGGAAGCA	GGTGGATCAT	GATGAGTTAG	AAGCCAGGCC	TGGTCTTCAT
408551	AGGTAGTTCC	AAGACAGCCA	AGACTACATA	GTGAGACCCT	GTTTCAAAGA
408601	AAAAAGAA'TA	GAAAAAGAAA	CATCTCTAAT	ATA'TAATAT	ATGCTGGTAT
408651	ATCGTTTTCA	AAATGCTTAT	AAATTAATTG	CATAAATATA	ATTTTTCATAT
408701	GCACATATAA	GTAGTCATGC	AGTCATAAAA	TATATTTTCC	TTCCAAATAG
408751	TATATTATAG	ATTCTTTAGT	TTTGTTCCT	CTTAATAATG	CATGAATGTC
408801	ACACATCCAT	AAGCGTACTC	TATCATTGTA	AATAGCTACT	TGCTGGTATT
408851	TTCGTGGTGG	GTTATAATAT	ATTAGCCAAA	GTCTAATTTT	AGACCTTTAC
408901	ATTTCAACAG	GTTCTTGTGA	TCTTTTGAGC	AAAGCTGAGA	TATCCC'TGCT
408951	TAGGCTTGAG	GTTTTAATCT	TCTCTCCCAA	TGTCTCCTTC	CCGACAGTGA
409001	AGAGCGCTCT	GTTGCTTGTT	TCTTGCTGTG	ATCTGAGCTT	TATTTTCTCT
409051	AGAGGCGAAG	CCTTTAGTCA	GGAAGGTAGA	GCTTCCTAAT	TGGGATTAGA
409101	AGCTTTATAA	AACAGATCTC	AAAACCTTTA	CTCTCCCTCT	ACACCCTGAG
409151	AAAACACAGA	TAAAAGCAGA	CAGGAGAGGC	AGAAAAGATA	GTTGCCTGCC
409201	CACAAACAAG	TGTATAGATC	CTTATCTAAG	TAGTCTCTAT	GTAACCTTAA
409251	CCTTGGACTT	CCTGGTCTTC	AGAATCGTAA	GAAATAAACG	TCTTTTGTTT
409301	ATAAGTTAGT	CAGTGTGTGC	TGTTCTGTGA	TGGTATCTAA	GATGCTCCTG
409351	ATACCAACTG	AGCGTGTTC	TGTCAGAAAG	CTGATATATT	AAGTGGGGAG
409401	GGGAAGTTAG	TCCCCTGAAA	AAGTAAGTGA	GCA'TCCTTTC	ATGTATGTAA
409451	CTATGGATTG	TATATAGATA	AGCATGATAA	CATATGTGTA	TTCTATATAT
409501	GTGCATGCAC	ACATGTGATG	TACAAGGACA	TACTCATTTT	GTTTTAAGCA
409551	GAGTAGATGT	AACTTAATGA	AGGAAAAATA	AGAAGAAACT	CATGAGAATG
409601	GGAGGGTTTC	TGAAGGGAAA	ATATCCCCGA	AGGACATGTT	TTTAAAGATG
409651	CCGGTGATAT	ATAATTCTCG	TGTTTTTCAC	AATATATGGC	AGACACCCCT
409701	CCAGGTCAAC	TAGTATAGGT	TAT'IAATTTT	TAACCTCTAT	GTGGTGTTC
409751	ATCCTAAGGA	TTGTCACTACT	TCATCCAGGT	ATTCTTTTAT	TAATGGATTT
409801	GGTTTCCCAT	CAACTTTCAG	TTATTAATAC	TGAAATACTA	AGGTTGCAGT
409851	GATCATCCTT	GTACATAGAT	ACTTGCACAC	TAGGGGTTGT	TAATTTCTAT
409901	AGTTTATGGT	CCCTGGAGTG	GAACCTTGCA	TAGAA'TTGCA	TGTGCGTGTA
409951	AATTTT'IAAC	AGAGGCCATA	AATCCCTTTT	ACATGTGTCT	CCCGGTGATA
410001	GATGAGAGCG	CCCTTGCCCC	GAATCCCATC	CCTGATAGCA	TTAGGTGCTA
410051	TTACAT'TTTT	ATGCTTGCCC	CTGAGATGGG	GATCGTCATA	GTCATTTTAA
410101	TTTCCATCTC	TCTGCCCCAT	AGGGGAACCT	GAACATTT'IA	TCTTACTTGC
410151	TTTTCTGGCA	ATTGCCTTTT	CCTATCTCCA	ACCCATTTTG	CTATCAGTTT
410201	TGACTATTCT	TATCTTTTTA	AATTGTAAAA	GAGCTGTTCT	TAAATATATAG
410251	ATATGAACTT	GAATCCATCA	TTTGAATTTA	AAGGA'TTTC	TCCAACCTGT
410301	TTGCC'TTGGG	ACTTTATATT	TGGATCTCT	TGAGCTCTCT	ATAATGCCTA
410351	AGAATTTTAT	GTATA'AGAT	GTGTAATATA	CATGGTACAT	ATAT'TCTTCT
410401	ATTAAT'TAAA	AACATGTCTT	CTGGGCCAAG	GAGATGGCTC	AGTAGAT'AAA

410451	GGCACTTGGCC	ACAAAACTTTC	AAGACCTGTG	TTCACTCCCC	AGATCCCCCA
410501	AAATTATCCTC	TGATTTCCAC	ATACATGCTA	TAGCATATAC	ATGTATTGTG
410551	CATGTTTACA	CTCATACCAC	CTCCTCCATA	TGTGAATAAA	TGAATATAAA
410601	TAAATAACAA	AAACATGAAC	CCAACAGCAC	CAGAAAAGAA	CAAGTGGTTA
410651	GCTCTTACCA	TGACCTTTTG	TCTGCTTGGG	TTTTTGTTTT	TTGTTTTTTT
410701	TGTTTTTTTT	TTTAGGGGGG	GGTGTTTGTT	TTTGTTTTTG	GCTCCAGCTG
410751	AATCCAAAAT	GGCTGGTTCT	GGAGCTAAGA	AGGACTTTAG	GTAGGCCAAG
410801	CCAAGACAGT	TAGATTCTCA	CATACAGAGC	ACTGGCTGGT	AGTTGCTTGT
410851	GGACCTTATT	AATGAACACA	GGCCTCTAGC	TAGGGCATT	ATGCAGTTGT
410901	GGAGATTTGC	ACAATGCTAG	TGAATATAAT	GTGGCCCCCT	TATAGTATGT
410951	CTCACGAGCT	CCTTGGCCTA	ATCTCAAGGG	CATGCAGTTC	TTTATTCTCT
411001	CAGGGCTCAG	AACCTCCACAG	CTGCCCAAGC	ATTTGGTGAT	GCCAGTAGAC
411051	CGTACTTCTG	TGAAAAATCA	TCACTTTGCC	TTTTCTCAAC	TCTACTTGAG
411101	CATGTTGGGG	GCTTGAATTA	GCTGACAACC	AGCCAGACTT	CTGAGTTTCA
411151	AGGATAAAAC	ATATTTAGGT	ACTCACTGTGA	CTTCAAGGTC	ACCACAGCTT
411201	GGCATGCAAT	GGGGTTACGA	TTGATGCGGT	TATTCTGAAA	ACTCCTTGGA
411251	TCTTAACGT	GGACGAGAAG	GTATCGTCGT	AACAAACGTC	TAGATTTCTA
411301	GACACATGTC	TAGTCTGTGC	ACAAGCTCAG	TAGAGGGCAT	GACTCACCAC
411351	CTCAACCTTC	CTCTACAAAT	ACCGTTTCCT	CAACACCTAG	CTATAAATAC
411401	AATGCTCCAT	TTTTTCCCTA	AAATAATTAA	TTTTACTTTC	AAGTTTCAAT
411451	CCACCAGGAA	TTTATTTTTG	AAGCTAACAC	TAACTTTATA	TCCTATCTTC
411501	AGGAGACCAA	TTTTATTCTT	CTCCAATAGG	GACGAAAGGA	TGCAGCTGAC
411551	TTGCACTCTT	AGTCAATAGT	CCATCATAGG	AGGAAGTCAG	AGTATGAATT
411601	CAACAGGCAC	ACTGGAGGCT	GAATCCACAG	AGAAATGTTG	CTTTTCGGCT
411651	CATTCACCGG	CTTGTGCTCA	GCTAGCTTTC	TTATGCTACC	CAAGACTATC
411701	TGCCTAGGGA	ATGGCGTCAC	CCATAGTGGA	AAGGACCCTC	CCATACTAAT
411751	TGAGGCAGTC	AAAACAGCCT	TCCACAGTAC	TAGAACATCT	ATCAACTGAA
411801	ACTTCTCAGA	CCAGTCCAGG	CTATGTCAAG	TTGACAAAGC	TAACAGGGAC
411851	AAAGGCTTTT	AAAGCTTTT	TTTTTTTTTT	AACACAAAT	GCAACCTTTG
411901	TAAATGATTT	CTTGGTGGTT	CATCTATGT	AATGTTTTTA	TCACTCTCCT
411951	TTGAGACTAG	ATAACACTTT	GAATATTTAG	CACTATTTAA	TGTTTTGGGG
412001	ATGATGCTAT	GCTTGTGTGT	TTTTGAGTCT	GTCTCAGTGT	ATACATGATT
412051	TAAGAAATTG	CAGTAGAGAT	TACAAGATAA	ATGATTAACC	ATTTTCACAA
412101	GTTTTTCATTT	TGCATAATAT	GTAAAGATTA	TCACTTAATT	ACATGTTTCA
412151	TCTGGTTATT	AGAAATGTAG	ATGAATAAAT	GTAGATGATT	AATAAAAAAG
412201	AAATCAAAAC	TTATGCAATA	ATGGATATTA	CTTTTTAAGA	ACTTAATGTA
412251	GGTTTGTCCA	GCTCATAATT	TTGCCCCACA	GGTCTCATTT	TCATATATTT
412301	CTGATTTTTA	TCAATACTGT	ATTTTATAGT	TTTTCTTTAT	TTCCATGTAT
412351	AGTAAATTTT	GTTTCATGTAG	AAAAAGCTAA	TGAATTTATC	TCTTTACTAC
412401	CCAGCTTTTAT	CAAATTCTCT	TTTTTAACTT	TTTTGTTTTC	TGCTAGAGTT
412451	TATTTTTTGAT	GTCAAGCATA	AAATTATATT	ACCAACAAAA	CATATTTTCA
412501	CTCTTTCTCC	CACATTTCGT	CTGTCCATAT	TATACAACAT	ATGCAGTGTG
412551	AATGCAATCA	TTTCTTAGCA	TATACAAACA	ACATTAAATG	ACATTAAGCA
412601	TACTATAGGT	TCCTATCTTA	TTCTTTATTT	TAGCATGAAC	TGTTATGTTT
412651	AGAGACAGGG	TCTCATGTAA	CTCAGGCTGA	CCTCTAACAT	ACTAGTTAGC
412701	CAAAGATGAT	CTTGAATTTT	TTGATCCTTC	TGCCTCCACT	TCCTGAGTGC
412751	TGGGACTTCA	GGCATGAGTC	TACACCTGCT	CTGTGTGGTA	CTGAGTATTG
412801	AACCCAGGGC	CTCATGAATG	CTAAGCAGGT	ACTTTACCAA	CCAAGCTACA
412851	TTCCAGTTCC	AAAATTTTCAT	TTTTAATAGA	ATAGCTCATG	TTGATTCTTA
412901	GCTGTAGGTT	ACCTGTGCCT	CTCATTTTGT	TTTCTCATTC	TAGGATCCAG
412951	GCCAAGTTCA	GATTTCTGGG	GGCGTTTGCC	ATTTTTATAA	TAGAGAAAGT
413001	TGCCACAGCC	ATTTTCATTTA	GCTCTAAAGA	AGTCCATAGC	TATTCCTCTT
413051	GTGTTTATTG	GCCAAACCCA	ATAAAATGGC	CAGATGAAGG	CCTCATGGTG
413101	GTATGATGTC	AAGGCTGTGG	AGAATTATAA	TCTACCCACA	GACATGACAA
413151	TAAGTAACAA	ACTACACAAC	AGACTCTACC	ACAGCTCACC	ATTTATGGTT
413201	CTATTTGCTG	CTTTCTCATA	CATGACCTTC	ATGGATGGCC	TTCACTGTGA
413251	GCTGTGTACA	TTCTTTCTAT	GCCTACGGCA	CTTGGTGTGT	GTTTTAAGTA
413301	GGTGTGGGAC	TAATCCAGAG	CCGGTGCCAT	CCACGGACAA	GGTGCAGTTG
413351	TTTTGTGTTG	TTTTGTGTTT	TTTTGTGTTT	TTTTGTGTTT	AGTTTGTGTA
413401	TGCAATACAA	ATAATTTCCC	CATAATCAAC	TCTTCTTGAG	TTCCCAGAA
413451	AACCTGACTG	AGAGCTGTGA	ACTAATCCCC	CAATAATCCA	GTGAATTTCTA
413501	CTTCATAAA	CATAGAAATTA	TAGTCTTTTC	CCTCATCGGC	GTAATTTAGCT

413551	GATAATCATC	TC'AAATGTGA	ATT'TTGGT'TT	TT'TTTTAAAT	T'TTTTAATT'T
413601	CACAAATTAA	AATAATTTAT	CGGTGT'TAAT	T'TGTTGAAAT	ATTTTCCGCA
413651	CAAAC'TTAGC	TCTTCTACAT	TGTTGGATTC	TAATGCTTGT	TTTCTTCTCT
413701	CTCTCTCTCT	CTCTCTCTCT	CTAAAAGACA	GAAT'TTTAT'T	ACCAAGCCCA
413751	GGCT'TGCCTC	AAACTTACGA	TCTTCCCAGT	TTTTCTGTGC	TAATAAAATA
413801	TACGT'CATCT	AATAAAGTTG	TCTACATGTG	TGTGTATGGG	GGGATGATAT
413851	ATGTATGTAT	TCATGCCAAAT	GTGTGCT'TAT	GTGCATGTAA	GTGCATGTGA
413901	GTGTGCGAGT	GTGCACACGT	GTATTTGGAG	GGTAGAGGTC	AACAT'TCTGC
413951	A'TCTTCTTGG	ACCACGCTAA	CTTATTTGTT	GGGACGGTCT	CTCAT'TAAGC
414001	CCGAAGCCCA	CCAAGTCGAC	GATGTGAGCT	GCCTAGTGAG	CTCCAGGGAT
414051	CTATCTCTCT	TGCTTCCCCA	GAGCTGGGAT	TACAGATGCA	AACGTCCCCAT
414101	CTGGCTTTTC	ACAT'GGGAGC	TGGAATCCTA	ACTCAGGTCC	TCATAGCTAC
414151	ACATCTGAGC	CATGTCCCC'T	AAGCCTTTTG	CTTCCAAAAT	AAAATTCATA
414201	TGAGAACTCT	TTGTTTAGCG	TTAGCTTTCA	AATGCATGCA	AAGCCT'TCCT
414251	TTATCATTTAT	CT'TTTATATT	TTGTGTGTGT	GATCATATTT	CT'TAATTCAT
414301	TCCAACCTTG	TAATTTT'TTC	CATAAGCATG	TGACTGATTT	ATAAATCTGT
414351	ATCACTGATC	AAGAGGTAAC	T'TTTAGCCTA	AAGTCAGTCT	GTGAATGTGA
414401	GGCTCTCAAT	ATGAGTCCCT	GAAC'TGGTGT	CAAAGCACCA	GACAT'GGGGG
414451	CTGATCCCTA	TACTACCAGT	GT'GACAAAA	TGGAGACAGG	TGGATTCCCTG
414501	GGGCTCACTG	ACCAC'TCAGT	GCTCTATAGG	CTAGCTAGAT	ACCCTGACTC
414551	TAAAAAAGT	GAACAGTGTG	TACGACACTA	CAACTGAGGC	TGTCCTTTTGG
414601	CATCTACACA	CACACACACA	CACACACACA	CACACACACA	CACGAACACA
414651	CACACGTGTA	CACACACGAA	CACACACACG	TGTACACACA	CACACAGACT
414701	ATTCTCAGAT	C'TTCAGAGGC	TGAGGCAGGA	GGATCACAAA	CTTGAATTCG
414751	ACCTGGCTCA	TATCACAATT	TAATGCTTTA	AAAAAGGAAA	GAAGGTAGCT
414801	T'TTAAATAAA	TATTC'TTTT	ACTAT'TTTAT	TTTCT'GATAC	ATTGTTTTTA
414851	GCTTATTTAT	AAATTTTACT	TCTAATTTAT	CTTCTTGTA	TTTCTCAAGT
414901	AAACTACTGG	TCTTTTGCAG	TTTTTAATCA	TAAATAGTGG	AGCTACCTAT
414951	AATTAATTT	ATCTTAGGCA	GTCTTTTAT	TCTTACAATA	TAGACTCACT
415001	CTTTTCTTT	CTAGACTGTA	GCATAAATTT	TACCATAGCC	CCACCTGAAT
415051	TATCTCCACA	CACACTCAGA	TACACTCATG	TACCCTTTTG	GTAGTTCATC
415101	TCACCCCTC	CCGTGATTTA	AACTAATGGT	TTCCAGAGTT	CCCAGAAGCT
415151	GCAAGCTCAA	ATTCACACAT	TCCCTCATGC	ATACAACTAG	TTCCATAGGC
415201	TTAGCCTTGC	CAACATTTCT	CTAATCAAC	GATAAGCATC	CTTTTCTTGG
415251	TTATTTGTAG	CATGGTCACA	CAGTGTAGGC	TGTTAGGATT	TATCTTTCTT
415301	CTCTGCCTCG	CCCTTCACAG	CCATTCTGTT	CAAACACCAA	ATCTTGT'TTT
415351	ATATTAACAG	TAAAAGTTTA	CGGTCCCTCT	GTCTACTCTC	TGCCGTGTGT
415401	GCCTTGGCTT	TAACACTCAG	CATCTGTAGC	AGATTATTTT	AAAGATACAA
415451	GGCTTTCCCT	CCATTTCCCT	TCTCCCTATC	CTATTCTGTT	GCAAACCTAC
415501	CCCCACCCCT	AAACGTCAAT	GTTCTAGCTA	AGATGCAAAT	TTCAGTGTAT
415551	AAAAGTATTC	TTTTTAGGAT	TCTACCTTT	TCCAAAATAA	AGTCCGCATA
415601	GTCTGCACAC	CCTTCCCCTC	CCCTCCAGAA	GGGAAAGCAG	GGATGACAGG
415651	AACAGCATTT	TTGACTCAGC	TAATGAACTC	GTTTATCAAT	GTGCCTTTAT
415701	CCTCACAAAG	TTCTGAGCAC	AGAAAAGCTT	TAACTAACAA	TTACTCTTTT
415751	GTGAGCTAGG	AC'TGTGTTA	GGGTTTATCT	TTCTTTTATT	TTTATCATTG
415801	TAAAAGACAT	GGAATGCCTT	TAGCTGTTCA	TATAACTATC	TTACTGATGG
415851	TGGTTAACAT	TAAAACCACA	ATGCTTTGTG	TTGTAATGAG	TAATAATGGG
415901	TATATTGTAA	GTATCTAGGT	AATATCCATA	TGTAATAACT	TATGTAATAA
415951	GTCTATAATA	GTATGTAGTA	AGTTATAAAC	ACAGTCTTAC	ATCATAAGTG
416001	ATGGTACTAG	GTAGTGGGTC	CCAACAAAAA	CACACCATGC	AACAGGTCTC
416051	ACGTGGGAGG	T'TTATTGAGG	CATAGAGGCA	GCCTCTAGGG	GAAAGAGGAA
416101	AGAAAAGAGT	GGGGACAGGG	AGACCGTGAT	TTTTAT'GGA	GCCATGGCAC
416151	ATGCACAAAG	AGACATGCAA	CAAGACGTGT	CTCTGAGTCC	CTCAAAAGCT
416201	GGCTGTAAAG	ATGCCTGATT	GTGCGGGGGT	CGCAT'TTAGC	TGTCCATGGA
416251	TGTGCC'TGAT	TGCTAACAAT	AAGTTTCAA	GTGGAAAGGC	TCCCAGTCCC
416301	TGATTTTCCA	TTT'CACTATA	CTTAGCAGAT	TGGCTTTTAT	TGCTTGT'TT
416351	AT'TTTATCAT	GAAAGCAAGG	TGACAAAGGA	AAAAGAAAAG	GAGCCACACAG
416401	CAGTGAGCTC	TCTTCTGGAG	CCCAGTGCCT	CCACAAGGAT	GTGAAAGTTC
416451	TCTCTGAATC	CCCACACCCG	GT'TTTCATTT	GCATCTCCTT	AGCCAGAAGC
416501	AGTCACCTGA	CTGTTCCTAT	TAGCAAGCCC	AAGAGGT'TTC	CAGCCTCAGT
416551	AGTGGATGGA	TACAAGAAGT	GGATGGGGGT	GGGGAGAGAA	CGACCAAGAG
416601	ATGGGTCCAT	AA'TAGATAGG	CAAGACATCT	T'ACTGTCTT	CAGTTCATAG

416651	ATGAGACCAA	GGTTACCCCA	AGTCCTGCTA	TTGGTTATTG	GTGGATCTTG
416701	GATTGAGCAC	CAGGTCC'TAC	TTCCGAATTT	TACACATCTC	AACAATATCG
416751	CAGTTTCTCA	TGTACTCTGA	CAGGATTTCA	GACAGGCGTG	GTCAAGGGTC
416801	ATTTTCTAAC	ACCAGTTGTT	TTCTTTGAAA	TCACACCGGA	AATGTTCTCA
416851	GGCATTGCGC	AGAGTTACTT	ACGACGTTCT	GAACATGACT	TG'TCTTGTA
416901	ACCAGTTTCC	TTTTTTTTTT	TTTTTTTTTAA	TGGAAAC'TTA	GGGACCAACG
416951	TAGTCTGTCT	TTGAAGTACA	TTGCACAGAA	AGCAGCCACA	TACAGTCTCT
417001	GACCTTCCCG	AATCCCCAGT	TGGGAATCCC	TGCCAAGTTT	CATCATTTGAG
417051	CTTTGAAAGT	GGGTTTT TAGA	CACAGTCTTC	TTGACCTTCG	GCCACTCCAC
417101	TTTGCCTAAT	GAATATCTTG	TAACTGGGGA	AAGACAGTTA	AACCTCCTCT
417151	AATATATCAA	AGACAAGAAA	TGAAATAACT	ACCCAGGAG	AAGGTTCATT
417201	TCCACAGCGA	TTTCTAAGGC	AATAAAATAT	GCATACGAGA	TGCTGTGCCT
417251	TATGGTTCTT	TCATCCTTCC	TTTAAATAAT	GAGAGTCAGT	GGGGGCAAGA
417301	GATCCAATTCT	TCACTGGTGC	AAAAAGAATT	TAAACCTTTT	ATTAGTGACT
417351	GTGATGTTTG	GGTCCGCTAA	AAAGGAAAGG	CGATTTCAAA	TGATCAGTCG
417401	GGGGAAGTGT	TGTAAGCTGT	AGACAGCGTT	AATGGCGCTA	ATTCTACCCC
417451	ACTGGAATTC	ACTCTTTCCC	TGACAATAAG	TTTCACTTCC	ACCTGCTGCA
417501	GATCATTTTC	TATAGAAATA	AAGCCATGGG	CAACTTACCA	GTAAAGGGTA
417551	TAAAACAAGA	TCTGAAAAAC	ATGTAGATGA	GAGAAGAAAT	ATGTATTTGA
417601	AATTAATATAT	ATCTCAAAAT	TACATTTGAA	ATAATACATC	TCAAATATAC
417651	ATTTGAAATA	ATTATATCTC	AAATATATAT	TTGAAATAAT	ACATTTTTTT
417701	TCCTTTGGAA	GCAACATAAC	CTTAACATAA	TTGGGTAAAA	AAGGTGTGCA
417751	TTTGTCTTCA	GAGGCTGGAT	AGCCAAGAAG	ACTCTTGTTA	CTCTGAGAAA
417801	CACTAGACAA	AAAAAAAAGT	CCATATTGGT	CCCAGCATCA	CTGATGGTTT
417851	CAATGATGCC	CTCATCTTTC	TTTCCAGCCC	AGGCAGCGAG	TGTTCTCTGT
417901	TTGGAAGTAT	GTTAATCTTG	GCGAAATAAA	TAACGTAATA	AAACCTTCAG
417951	CTTGGAACAG	GACCCAGGCA	TCTCCTTGTA	CAATTATCCA	AGTGCTTCCG
418001	AGAGACTTGG	CTTCTACAG	GGGCATGAAT	TCAAAGGTGA	GAAAAAGGGT
418051	AAAGCACACA	ATTGTAATAA	GTAAAAAGAG	TATATAACAT	AATTTAGATG
418101	TAATAGTACA	TAGATGACCC	CTGTCTTACA	GTTTTTCAAC	CTGAGATGTT
418151	TGACTCTGTA	ATGGTGCAGA	GTGGCACACA	TTCAGTAGGA	ACCATATTCA
418201	AACTTTGAAT	CTTGATTTCC	CTCTCCCTCC	AGGGTTGGTG	ATATGCA'TGA
418251	TAGAACACTA	TCTTGGGATG	CTTCGTGACA	GATTCATCAT	CTATACAATC
418301	GGAGAATAG	ACCCACATTT	TGCCATACAC	TACATTGCTG	GGTTATGATG
418351	GGTATTTTAA	ATGCATCTCC	AACTTCAGGT	ATTTCCACAT	TGCAGTGGGT
418401	TTATCAGACT	ATAGCCCCAT	GCTAAGTCGG	AGTGTATCTG	TACATAGGCT
418451	TAATCCTGAG	ACCCTCTCTA	TTTATGAAC	CTAAGATCAA	ATATGATGGA
418501	CAGAAGCAAA	CCCAGCAATG	TTCTTCATAC	TTAGTTTCTG	CAATATCTGT
418551	TGCTATGGAA	ACGTGAAAGC	CTCAGCAGAT	TTCTTGGAAG	TTAAGGGTCT
418601	GCCTGCAGAC	TTCTTTCCAG	ATGCCAGCTT	GCTTGCTTGT	TAAATAAAAC
418651	TTGGCATTTA	TCACACAGAA	GAGTTTATCT	CAACCCATAC	TAGGATACCT
418701	ACCCAGGGTG	TCGAGCGCAG	TGCTCACATG	AGCGAGGTAT	TTAGAGAGTA
418751	TGAGAGAGTC	GTC'TATTAGG	TGCC'TTGGGG	CTTTTAGATT	CAAAGAACCT
418801	GTCAACTTTG	ATGGTTTTTT	TCTTCCTTCA	TCAACACTTC	CCGTAAAGAA
418851	AGAAATCTAA	AATGGGATCA	GCTGTTAGTG	GCCCGATGAC	AGGAAC'TCAC
418901	TTTGTCATATG	AAGTTGTCTG	CCTGTGTTAA	GCAGCTTAGG	TCTTTCTGGA
418951	TACAAGTGAG	AAAAATCACA	TTTTTGCTGTA	GACATTTCCG	GTCTCTCTCT
419001	TAAGAGTAAT	TTCCCCCTAG	CAATTAGACA	GCASTTTGCT	CTCAGAAAGC
419051	TGACTAATTA	ATTAGGAAGC	ACTTAAATGA	GTTCTTTCAA	AATGTC'TGAA
419101	CATGTTCTTG	CTTCTCCTTT	CCGAACCCTC	CTCAACTTAA	CTAATAGCTC
419151	TTAGAAAGAA	TCCCTCCAAC	AAAGATCACA	TGATAATTAC	AGTGCTGCTC
419201	TCACCTCTGG	CCTTAGTTTA	AGAAGTGATT	TAAATGATAA	CAAAGTCTGC
419251	AGGGTGCATT	ACCAGGCAGC	TGTTGATGCC	AAGTTGCCCA	CCCTGACACA
419301	ACTCACATCT	CTAGCTCCCT	CCCATCCTGT	GATTGTGATA	CCATTTGACT
419351	GTCGCCGCCA	TTGTGGGAGA	AAACCCAGCT	ATGTGCACAT	GGAGCATTTT
419401	AGTGT'TCCAG	CTGTAGGCTT	GGCCTTCTAC	CAAAGTGTCT	TGCTGTCTTG
419451	CCAGCCACGG	CTCATTAACC	AAATGATCTC	CAAAC'TTGT	CAAAAACATG
419501	GAGATACAGG	AAAAGGCAAC	ATCTCTTCTG	TCCTTAAACA	GGTGGAGGAA
419551	AGGATGCCCT	GGTCCAAC'TT	GTGGGCTGTT	TATAGTGACC	TCCCTCCACA
419601	GAGTACAGCA	CAGGGGGATG	GGGAAAAGGT	G'TGAGCTTAC	AGTACGGAGC
419651	TCTGATGGCC	ACTGCCTCAG	CCAGTCAGTC	AGTGTCAACC	TCAGTAATTG
419701	AAAAICATGC	TGATGGGTTT	TACCTTCAAA	GATTATGCTA	AAAGAAGTAC



419751	CATACCCCTG	TGATCTTCTG	CTCCCCAAATC	TGCACAGCAG	AAGCACCTAA
419801	AATGCACCAG	ACAAACCCAA	GTAGTGGAGC	ATCCCAAGAT	TCACCTGACT
419851	GGTGTACTCC	TCGCCTCTCT	AGGTTATCAG	ACACAGGCAC	AGTGTGAGCA
419901	TCTGTACAC	GTAAGAGGAC	CCAAAGGAGA	CAGGAGAGCT	AAC'TGTGACA
419951	TAGGATCCTA	GATGTGACCT	CAGGTTAGAA	AGGGGCCACC	CCAGAAAAAC
420001	TAAGACAATC	TCAGTAAACT	CTGGGCTGTA	TCACCCGTCT	G'TTCATAGTA
420051	ACAAGTATTC	CACAAGGTGT	TAAGTACAGG	GGAAACAGTA	GGCTGTGGAG
420101	CTGTCTCTGC	CAAGTCTGTA	CAGTCAGCCG	ATGGATATTT	TAT'TTCAGTC
420151	CAAAAGTTCT	GTTAAAAAAA	AAAAAAGCAA	AAAAAAGCAA	CCCCAAAAAC
420201	ACAACAACAA	CAACAACAAC	AACAAAAACC	CTCCTTTTTG	TGT'TTAGAGC
420251	TGGTTTTGAG	CATTTCAAAA	CCCTGAGCTG	CCCTTGGCAG	ATTCTGTT'A
420301	TCCTCGGCAT	CGGGGGATTT	ATGGGTCTTG	GAT'TTGACTA	TGGGAAGAGA
420351	CTCCTTAAAG	CCCATGATAC	AGAATATTTT	ATAATGCCGC	TGGGGATGTG
420401	AACAAGGCTA	ACCC'TCTAGC	AAGACTGGAT	AGCAAGATTTC	CATACAATTAT
420451	CAGTGTACTT	TGGGAAC'TC	TGTATCAAAC	CTTTGTAGAA	GCTGGATGCT
420501	GGAGCTAATC	AACTGGACTG	TGCTGCCAGC	AGCCAGGCAG	ACGGGT'GGAG
420551	GGTCCTCTTC	CGTGAGACAT	GGGTGAAGCC	GATGACAGTC	AGGCACCCAT
420601	TGTGTCTCCT	CAGCAGTTCC	TTGAAACATC	AAACACTTGT	CACAACATCA
420651	ATGTGAGTGG	CATCCTTTCT	GCTTAGACAC	CATGGTGAAA	CCAGAGCAAG
420701	TCTATGTTGT	TGCTGTTGTT	CCCACACATG	GTAGTCCCTG	GCTATCTTTA
420751	AGATTTATGT	TTCAAAGTCC	CTGGTTGGAT	GAGAAAAGCT	GAGT'TAGTA
420801	GGGATACTA	TCTACCAGTA	GTGGGCATTA	TATTGGCAAA	GTATTGTGAA
420851	CTGTTT'AGGT	TTG'TTGAAA	TAGACTATGG	AAGCAAGGGG	CCCTTCCTTT
420901	GTTTCCCTCT	CTCTCTCCCT	GCCCTGTCCT	GAGTCAGGCT	GGCCCCCTGGC
420951	TTTGTGACAG	AGAGAGAGAG	AAAAAAAAAA	AAAACAATGT	GCATATAAGA
421001	ATATTGAAAA	CATTGCACCC	TTGAGAACAG	CTAGAAGAGA	AAC'TATTACC
421051	AAGAGACAGA	GACAT'TTCTG	TTGTTTATCC	CATGGCATAA	ACACAGCAGT
421101	GGTGGGAACG	GATGCCAGAT	GCTCATTCAC	CAAGGAAAAA	CTCAATCAGC
421151	AACCCTAGCT	GACCATTGCA	ATGCTCTAG	TTGATTTCTG	CTTACGTGTT
421201	GATAAGCCTT	GATTTGACGA	CC'TTACCTTG	GTT'TGTCTCT	ATCAGGACTG
421251	TTCCAGTCTT	CTGTGCTGGC	ATCTGTAGAC	TTCTGATGTG	ATGATAGTTT
421301	GCTATCTCTT	GCTGTTTACA	CCCATCACTT	GGTATTTGTC	CTTTGATTTG
421351	AAATATACTT	AATAAATTCC	TTTATTCGAC	ATATCATGGG	CCATTCTCCA
421401	CACTGTACAG	GACAATATTT	GTAQCACTGT	TTCTTCTACA	CGTCCTGCTG
421451	TGTTGCCAAA	TAACACCAAA	AAAAATATGT	TTTCAATGGT	CTACCTCTCTG
421501	GTGCCTCTGT	TTATCCCAAA	GATGGGTGGA	GAAAGACCAC	AGACCCAAAT
421551	CATCATGGCC	AA'TTAATTAA	AGCAAGCTCT	TTGATTTGGG	TACACAGGCT
421601	ACCTCCCCCT	AAGGTGGGCC	TCAAGAGGTC	GGCACTGGAT	TCAAGGAAGA
421651	CAAGGCT'TTT	ATGGCTCACA	CCTGGGATTA	AAACAAAAAC	CATTCATATA
421701	ACACTTCTGT	GTTTTTAAAG	AAACCAAAAT	TCTCACTACG	TGTGCT'TATA
421751	ATCCAGAATT	GGAAGGCAGA	AGTTGAACAA	TTCCAGGGAT	TGAGTGGCCT
421801	GCCAATCTAG	CCAAGTGGTG	ACCTCTAGGT	ACAGTC'TCTA	AAACAAACAA
421851	AGTGGAGAAA	GATAAAGGAA	GACACCCAAC	ATTGACTTTG	AACACACATA
421901	CACACACACA	CAAATGAATA	GATAAATAAA	AAAATGAAAC	TTTCAAGTAA
421951	TTTATTTAAC	TTTTTTTACA	CTACAGTTGG	GTTGGGATAA	CAGAAACTGT
422001	GGGGAGCAAA	GCCACAGATA	AGGGGGTGGC	TACTGTGATT	G'TTAGTAGTG
422051	CCGTCTTCCA	TGCTTGAACA	TGCTGTGCTT	TGGATTGTGG	TTTACACAGT
422101	CGCCATAACT	G'TATCACAGA	GTCTTCTGAT	GCTCCCAGGC	TAAAACCTCC
422151	AGGAACAATT	CCTGCTGCTG	CTGCTGCTGC	TGCTGGTGGT	GCTGCTGGTG
422201	CTGCTGCTGC	TGCTGCTGCT	GGTGGTGGTC	TTCTCTTTTC	TTCTTTCTTT
422251	TCTCCTTTTT	TTCTTTTCTC	CCCCCTCCCT	TCTCCCCCTC	CCCCCTCCC
422301	CTCTCCCTTC	TCCCCCTCCCT	CCCTTCCCCCT	CCTCCCCCTC	TTCCCCCTCC
422351	CCTCCTCCTC	CCCCCTCCCC	TTCTCCTCCT	CTTCTCTTTC	CTTCTCTTTC
422401	TTCTTCTCCT	TCTTCTCTAGA	CAGCAGAGCC	TGGGGCTCTT	TAT'TGCTCCT
422451	CTACTAACAA	TAAAAGGAAG	CAATACCCTG	CCCTTTTCGCT	ACAGCTGCTG
422501	AGCAGCCACA	GGGGACAGCC	CCCACCCCTG	TCATGAGCTT	AAAAGGCTGC
422551	TTGGTCCCTG	GATAAGGAGT	GGGAGGCACA	GCCTCCATCC	TGGTCTCTCT
422601	GTCAGGGAGA	TAGCTT'TTCC	TCTAGCCCGT	CATCTCCTGA	GCAACGCCAC
422651	GATTCCCCCA	CTTCTTTTTA	GTCCTATTGC	TTGCTGTGTT	GCCCCACTGC
422701	GTTCT'AAAA	GTCAGGGATG	TAGGAATGTA	TAAAATGTCA	GGCCATCTGG
422751	AAGAACAACC	GGGCTGTGAA	GGTTATAACG	ACCTCCAGGT	GCAT'AACTC
422801	ACTCACCCCA	CACAGATAAT	TTCCCAAGCC	CATCAGT'TTC	AAGAATATGT

422851	CTTTTCCTGG	GGACAGGAGC	AGCATTTHAAA	CAGAACAGAC	CCCTGACAGT
422901	CACCTGTTCT	CCAAAATCTG	GATAAGTTGC	CCTTTAGAGG	TGACATAGAG
422951	GCATCTCCCT	CTATGGAGTC	TGTCAGCATG	GTCTCATGAG	ATGCCACACT
423001	GAGCATTTGAT	AACTAACCTG	TTGGAACAGG	GCCTGGAGCA	AGAAGTGCTT
423051	TAGTTCAACC	CCAACCTTCT	CGTCCGTGGC	TATTTACTGC	AGTCCTCACT
423101	CGTGATAAAC	ATCCTCAAAC	ACTTTTCTGG	CCCTATAGAT	TTTGTCTTAC
423151	ACTAAGTCCA	TAAAATTTAG	CAATTCTACC	CTTAAGCTCC	TTGGTAGTTC
423201	TCTGCAGTTC	TCAATCTTTC	TAAATTTTAA	AGGGGGCACC	ACCCACTTTT
423251	AACACGT'CAT	TTGCACGGTT	AATACAGTCA	CAGAAGAAAA	TGGAGTTTCT
423301	ATCAATGGTC	AGT'ATGGAT	GGAGGAAGGG	CTCATGGGCC	TCTAGCCCTT
423351	CCTGCTGAAC	TATTGACTGC	CATCAGATTC	TGGGAGTGAG	GGGGAAACCA
423401	TCACCTTCAG	TCCTGTACCC	AATGCTGAAT	CCACCGTGCA	TCAGTGGATA
423451	AGTACACACC	TGTGGT'CGGT	CACGCAGATG	GCCCGGTCAA	ACTCAGTGGG
423501	TTGCAAACAA	AAAGACATGA	ATGTGGGAAA	GAGATAGGAA	GAAGAGAGGG
423551	CAGCTGGGAG	TGGGAAGGAG	ATAAGAGAGG	GTGGGGTGGA	GAAAACAATC
423601	AGAATGCATT	ATGGACATGT	AATAAAGTAT	GACAT'GCCC	AAAAATAATT
423651	CTT'AAAAAG	AACATGGAGT	CTTACTTCCA	AAAAAACCTC	T'TAAGCTAAG
423701	GACCAGCTGT	TCGTAT'TAAT	GT'GTGTGGTT	TTTTTTTTTT	CTTTTT'TTCT
423751	GATGAATTCT	CTGAT'T'ATT	GTAAAATCCT	ATTTTCCCAG	GGTCACAAAT
423801	CTCTAGCGGC	TTCCACAAC	TGCAAATACG	CACTTGAGCC	TAAACCTCTG
423851	CTAAGGCTGG	CGATAGGATG	TGGTCTTCTG	CATTGCTGTG	GCCAAAGTGA
423901	TTGTAAAAAT	CATAGGAGAG	ATCAAGCCCT	GGTTAAAGAC	AGCAGCGAAG
423951	GCTGCTCAGC	AGTGTGAGTG	CCTTTAA'IGC	TATTCTGATG	GGCGTTTGAA
424001	ACTGGCGACA	GTAAAACCTA	CAGGAGACAT	GCTTCTCTAT	AATCTTTAAC
424051	TATATGGAAC	CATGAAAATC	AGGAGCACTG	AGGGACAAGG	AGAGAGAGAG
424101	AGAGAGAGGG	AGAGAGAGAG	AGACAGACAG	AGAGACAGAG	AGACAGAGAC
424151	AGACACAGAG	ACAGACACAC	ACACACACAC	ACAGAGACAG	AGAGAGACAG
424201	AGAGAGAGAG	ACAGAGACAC	ATACACACAC	ACAGAGAGAG	AGAGAGAGAG
424251	AGAGAGCATG	TGTGCTTTTA	TAGATGCTAC	AGGGTGTGGC	TAAAAAAATT
424301	AAA'TAGCTAA	GAA'T'AAAGA	AGAGAGGAAT	TTC'TAGAAAA	ATGGT'TTCC
424351	ATTTTCAGATT	GTCTGACAGG	TTGTGGGCAT	TCATGAGAAC	AGATATGTCA
424401	TGACCTTGCT	GTCCAT'CAA	AGAAATGGTA	TGTGTGTGTG	TGGGGGGGGG
424451	GGGAGATTAT	CATAGAGCCT	CAACAGATAA	AAT'TTCATTA	TCAAAAAATA
424501	TGGAAATAAG	TGGCAAGTGT	ATTCAATTTAT	TTAACAACAA	CCTACTGCAC
424551	GCCTGACATC	ATA'TTTCATG	ATACCTAATA	CAATATGCAG	TATTAATCA
424601	GCTATCGATT	ACATGTGTAG	TTACCAAGTA	ATATTTTCATT	T'TTATATATC
424651	TAAGATGTAT	GACTATTTAA	GGTTGCTAAG	ATCCCTAGTA	CCGTGAGTCC
424701	TGGATTGCTG	TAAAT'TTACT	TCATTTGCAT	GAAACTTTGA	CAGAAAGAAT
424751	GCATAGAGGA	TCACAAGGAC	TAGAGAGATG	GCTCAGTGCT	TAAGATCACT
424801	TTCTGCACTT	GCAAAAAAAA	AAAAAAAGTT	TGGTCCCCAG	CAGTTCACAG
424851	CTGCCTATGA	CACCAGCTAC	GGGGATCTGG	TACCCTTTTC	TGGTCTCTAC
424901	ATGTACATAC	ACACCCCCCC	ACACACACAC	ACAAACCCCA	AAGCCAAAGAA
424951	AGTGTGAGGA	ACAAC'TGGAA	AGAGGCTTGA	AGGAGAGCAG	GCAGCT'GTTG
425001	GGGTTTGAGC	ACACAATGAT	GGCCATGTGA	AAAAG'PTAGC	AGCCCAAATG
425051	ACAAGATGCC	ACTGTCACAT	CGCAACCCAA	CAGGAAGGCA	CATCTT'TCCT
425101	CTGCA'TGCAT	CCCTCCCCAC	CTCCCCATGG	AGAAGGAAGA	ATCTGATTGG
425151	CTTCCTGACA	CAGACTGGGT	CA'TTTCCCAG	CATGCATAGG	GCTCACTGGT
425201	GTGTTAAAGG	GTCATGGCAC	ACTAATGGGG	ACCACAGTAG	T'FAAAAGCTT
425251	CCACATTGTA	GCTTGCTCTA	CCACTTATGT	GTCATGTGAC	CTTGATGAAC
425301	ATATTTAGTC	TACCATAACT	TCCATCTTTT	CATTGCAAAA	CAGAGAAAAT
425351	AGGGACTTGA	ATCATAACAT	AGGCATATGC	AAAATTACAT	TATTCATGGA
425401	AGGTCCTCAG	CCAGGGCCCT	GATACCTGAC	AGGAATCTGA	TCTGAACCAA
425451	TCACTGTCAC	CATCCTGTGT	TGGAAGCAAA	CCCAATGGCC	CACCT'CTCTG
425501	CAT'TCTATT	TCTTGAATTA	ATGCCAGCTC	TGTGGCTTGT	TTCTTACAGC
425551	ACACCCAGCA	CCAGGATTCA	GACATAAGGA	AAACACAGTT	GCATGCCTTAC
425601	ATTGACT'TA	ACCAGTGGCC	CAGCCAGTGC	TCTCTAGCCA	AAGTATCAGC
425651	AACGTCTCTC	ATAA'T'PCAGG	ACTTGAACCTA	TCA'TT'TTAA	ACGGTAGCAT
425701	TTCTCC'FTAT	GAGTATATCT	TCA'TCAAAAA	AAAAAATAAA	CCTT'TTGAGC
425751	TGCTGGGGGT	ACCTTTTCAA	CCAGAAAAGG	GTGTGTAAC	GCAAGCGAGA
425801	GAAGCCAAT'I	TTGACT'CTTG	GCACATATGC	AAAAACCAGG	CT'FGGTGGCG
425851	TGPA'TT'TGAA	ACCCCAGCAC	TGGAGAAATA	GAGTCCAGAG	CACCCCTGGG
425901	GCTCCGTGGC	AATA'AAACCT	ACTGTGCAAG	CTGAGGTCCC	AGTGAGAGAC

425951	AGTATATTA	ACAAAGGCAT	ATGGGTTC	AGAAATGTCA	CCTGAGGTTG
426001	ACCTCTGACC	TCCATACAGA	TGTACACATG	CATATATGTG	TACTTCCATG
426051	CAGAATATAT	ATATCTACAC	ACACACACAC	ACACACCTCT	TTATAGGATA
426101	GAGATAGAAG	AATGAGAATT	CCTAGATCCA	CAGCCTAAAG	TGTTACGCTG
426151	TGACTGTCA	TGTGCTGGAT	TCTGGATCCT	GCTGAGAAGA	AACAAGCCTG
426201	ACCCCTTTGA	CATCTGCTTA	ATTGGTTCTT	GTCTTAGTTA	GGGTTTACTT
426251	GCTGTGAACG	GACACCACAA	CCAAGGCAAG	GACAACATTT	AATTGGGGGT
426301	GACTTATAGG	TTCAAAGTTT	CAGTCCATTA	TCATCAAGGT	AGGAACATGG
426351	CAGCATCCAG	GCAGGCATGG	TGCAGGAGGA	ACTGAGAGTT	CTACATCTTC
426401	ATCTGAAAGC	TGCTAGCAAA	ATACTGTCTT	CTAGGCAACT	AGGATGAGGG
426451	TATTAAGGCC	CACATACACA	CGGTGACACA	CCTACTCCAA	CAAGGCCACA
426501	CCTTCTAATA	CTGCCACTCC	CTGGGTCAAG	CATATACAAA	CATCACAGTC
426551	CTTAAACCTA	TATTATGACA	GTCTTGGCCG	TATTAGGTTT	GACTCTTGST
426601	TTTCTTCTCT	GTCTCCCTCT	GATACAGTCC	TAAGTCATGT	CCTCTAAGCT
426651	CTTTTAGTGT	CAACTAAAGT	GGGAAAGATG	GAGGCAIAAA	ACCATCCACC
426701	AAGAAGTGGC	TCTCCTGTGT	GGTTCCTCTT	TCCGTGGGTC	ACATTTCTACA
426751	AAACTTAATC	CTGTCTGTCT	AAATCAGTTA	ACCTCACCTT	AGTGTGAAT
426801	CTGCTATTA	CCTTTCCTGT	GGGGATTTC	TTTCTATTTG	TTTTTCTCAC
426851	TGGTGTCTTT	CCTAAACCTT	TCTAATCTTT	TTAGATGGTG	TCACACTACT
426901	TTCTTGGGCT	TTCAATTTAT	TATTGCTACA	TTGTATATAA	GATAACACCA
426951	TCATCTGAGA	TTCTTAGAGA	AAAAAGCAT	ACCACTTGTT	TATTAAGTTA
427001	ACTTGCCAT	ACATATTTGC	CACTTGAGAC	CTTGAGCCCA	GATTCATATA
427051	TGTGGGTGGT	CGGAAGGTTT	CATTCAAAGT	TCTGTTCTTC	AGAGAGAATT
427101	TTTCTCTCTC	TCACGGTCC	CTTGGAAATCA	CTTTATATGT	TCTCATTGCT
427151	TTTGGAAATTC	AAGGGCTATG	TAAATATTGG	TTTCAAGCCG	CATACCCACA
427201	GGTGTACACT	CATTTATTTT	AAGGGAACAC	TTTATTCAC	CAGAACCTTG
427251	GCTGTGACAC	ACATTTCCAT	TATGAAGCAT	GTGTTTTTCT	AGCCCGTGT
427301	TTCACTGTTT	AAGATTTTTC	TCTTTATATT	TAAATTCTTT	TATTAAGTTT
427351	TTTCTTCTATG	TCTTACTTGG	TTGTACCTTA	TGTCTCTGGG	CTATCTAGTC
427401	TCTGGTTTCA	TGGGCTATCC	AGGCAGTGTA	GGACATGGGG	CTCCCTCTCA
427451	TGGGATATTC	CTCAAGTTAA	ACCAACCATT	GGTTGGCCAT	TCCCACATGT
427501	TCTGCGTCAC	CACTGCCCCG	GCATGTCTTG	CAGGCAGGTC	AGATTGTGGG
427551	TAGAGGGTTT	TGTGGCTGGG	TTGATGCTCA	GATTTCTCTT	TCCATAGCCT
427601	GCAGAGTACC	ACCCACACCA	AAGAGACTAG	AATGTGGGGG	TGAAGGCTCC
427651	AAGCCTGTAC	TGCATTAGCT	TGCTACATTG	CCCCCAGGT	GTCCCCCTAT
427701	TTCAGTTCTC	TCTCTCTCTG	TACTCCACTC	CCTCCCTCCA	TCCCTTTCTT
427751	CCACCTGACC	TCTCCTGCTC	CCATCCCCAA	CCACCCCCAG	TCTACCTAGA
427801	GAATCTCTTC	TATATCCCCT	TCCCAGGGAG	ATCCATACTT	CTCTGCTAGA
427851	GCCGCTCCT	TAGCTAACCT	CTCAGGGTCT	GTGGATCGTA	GCGCAATTAT
427901	CATCATTTAC	TTAACAGCTA	ATATCCATGT	ATAGGTGAAT	CCATACCATA
427951	TTTGTCTTTT	TGGGTTTGGG	TTACCTCAT	CAGCATGCC	TTTATCTAGT
428001	TGAATCCATT	TGCCTGTAAT	TTCTGATGT	CATTAAAAAA	AAAAGCCAC
428051	TTAGTTACTC	CATTGTGTAA	ATGAATTACA	TTTTCTTTAT	TTATTTCTTCA
428101	GTAGAAGGGC	ACCTAGGGCA	TTTCCAGTTT	CTAGCTATTA	TGAATAAAGC
428151	CATAATGAGC	ATAGTTGAAC	AAGAGTCTT	ATGGTAAGAT	GGAGCATCCT
428201	TTGGGTATA	ACGCAAGAGT	GCTATAGTTA	TGTCTTGAGG	TAGATCGACT
428251	CTCAGTTTTT	TGAGGAAACG	CCATATTTGAT	TTCCATAGTG	GCTGTACAAG
428301	TTTCCACTCA	CATGAGTCCC	CCTTGCTCCA	CATCCTTGAC	AGCATGCGCT
428351	GTCACTTGTG	TTATTGATCT	TAGCCATTCT	GACAGGTAGA	AGATGGAATC
428401	TCAGGGTTGT	TTTGCTTTGC	ATTTCCCTGA	TGGCTAAGAA	TGTTGAATGT
428451	TTCTTTAACT	GTTTCTCAAC	CATTTGAGAT	TTCTCTATTG	AAAATTCTCT
428501	GTACCCCAT	TTAACTGGAT	TATTTAGTTT	TTAAATATCT	AGTTTCTTGA
428551	GTCTTTTCTT	TATTTTAGAT	ATTAGATTTT	TATCAGATGT	GGAGTTGGTA
428601	AACATCTTTT	TCCCATTTC	TAGGCTTCCT	CTTTGTCTTG	TTGACGGTGT
428651	CCTTTGCCTT	ACAGAAAAAT	TTTCACTTTCA	CAAAGTCTCA	TTTATTGATG
428701	GTGGGTGATA	CCATATGCAC	TCACTATTTG	TGTTCTGTTT	AGAAGGTTGT
428751	CTCCCATTGCC	AACGCATTCA	AGCTTATTCC	TAACTTTCTC	TTCTATCGGA
428801	TTTCACTGTTT	GTAGTTTAT	GTTGAGGTCT	TTGATCCACT	TGAAGTTAAG
428851	CTTTGGGTGA	TAAATACGGA	TTTATTTCCA	TTCTTCTACA	TGCTGACCCA
428901	TCCAGTTAGA	TCAGCATCAT	TTAATGAAGA	TGTTTCTCTT	TTTATCATTG
428951	TGTATTTGTG	TGTATCTATA	GGTGTGTGAG	ATTATGTCTG	GGTCTTCAAT
429001	TCTATCCCA	GGAATCGACCT	GCCCATTTT	ATACCAACAC	CATGCAACTG

429051	TTACCACTAT	TGCTCTGAAG	TGCAGCTTGA	CATCATGA'FG	GTGAGTCCTC
429101	CGGCAGTTCT	TTTATTGCTC	AGCATTGTTC	TGGCTGT'CCT	GGGTTTCTTG
429151	TTTTCTATAC	ACAGTTGATA	CTTGTTC'TTT	CAAAGTCTGT	AAGGAGTTGT
429201	GTTGAATTTT	GGTGGGAATT	GAAC'TCGTGT	CCTCACGCTT	GCACAGATGG
429251	TCTGCCTTGC	CTGTTAAGCC	AGTGGTTCTC	AAACCTGTGG	GTCACAACCC
429301	TTT'TGGGGGC	TGTAGAACGA	TCC'TTTCACA	GGATCACCTA	AGACCCTCAA
429351	AAACACACAT	ATTTACATTA	CAGTTATAAA	GTAGCAA'TGA	AAAT'AAATTTT
429401	ATGGT'TTACA	ACATGGGGAA	CTGTATTAAA	GGGTGGCAGC	ATTAGAAAAGG
429451	TTGAGACCCA	T'TGTGCTAAG	CCATCTCCCT	AGCCTGAGAA	TATGTTTAT'T
429501	ATAT'TTTAT'T	TAATG'T'TTCT	AAGTGTGTTC	TATTGGGAAG	GCTT'TCAAAT
429551	TGCTACTGCA	TAGCAGGTAA	TGGAGAATAA	TAATGCTATT	GGGAAGTACA
429601	GGAGGTTTTA	CTGT'TGTTTA	AAAGGTTTAT	AATCTCT'TAC	CGCAT'TTAT'T
429651	TGGAAATACA	TTTAGGAAGA	CAGCAAAATC	TTTAGGGGCT	GGAGAAAAAG
429701	CTCAGCAGTT	AAGAGCAAAT	CCTGCTCTTA	CAGAGGATTT	GGTCCCCAGC
429751	ACCTACATTG	GGTCCCCGCC	CCCAACTGCC	TGCCATTCTA	GATCTGGGGG
429801	ATCCACCACC	CTTT'TTTAGC	CTTTAAGGAC	AACTTCACTT	ACATGTCCAT
429851	ATCCCTACAT	AGACACACAC	ACGTAAACAT	ATAATTTGAA	G'AAAAAATAA
429901	ATTTTAAAAA	ATAAGTAAAA	TTTCTTTAAA	TGTTCAAT'TC	TGCTCAGTCC
429951	CAGATAC'TGC	ACAGTTATGA	TAGATGTCAT	TGTTCT'TGTT	CATCCAAGTT
430001	TTTGTGGTGG	AAACTCTGAA	CTATGTGAAT	ACAAAAC'TCA	ACAGAACAGG
430051	AAAAAAAATG	TGGTGAACAA	AGAACTGGAG	CAAGCAAACC	ACCCAAGACA
430101	ATGATTCTCA	ACC'TGTGGGT	TGGGACACCT	TTGGGGAGGA	TCACAGTCA
430151	AATATCCTGC	ATCTGAGATA	TTTACAT'TAC	AATTCACAAC	AGTAGCAAAA
430201	ATGCAGT'TAT	GAAGTAGCTA	TGGAAC'TAAT	TTTATGGTTG	GGGGTCACTG
430251	CCACACGAGG	AACCGAATCA	AAGGCTCACA	GCAT'TAGGAA	GGTTGCGAAC
430301	CATTGACCTA	AGGGGGGGCTA	CATCTTTTGA	GAAAGTGGAG	GGGATTC'TTT
430351	CAAACATCCC	TCAGACCAGG	AGATACTAAT	TTCCCAACTG	TGGTTGGTAG
430401	AGGGATCCCC	TTGACTTTAG	ATGTCTACCA	GGTAGACATG	TAGTCAGTAG
430451	AGTCTT'TCAA	AGAACGGTTG	CGTGCTTGT	AGTCTGAGAA	CCACATACAA
430501	AGCTTA'TTTG	GGAGAATGGA	GTTGGAATTT	TTCCCTTAGG	TTTTGATAGA
430551	GTTGTGTGAG	CTGGAGTCTG	GAAATCTGTG	TTT'TTAACAA	GCATCCC'TGG
430601	TGACTCTTAA	G'TACACTGAA	GTGGAGAAGC	TCTAGAGTGT	AT'TTTTATTT
430651	GAACGGAGTC	TGTTGCTATA	ATTCCAGGAG	CCCCGCTGAT	TTGCACAGTT
430701	GGAATAAAAA	GAGTCAAACA	AAGATCTGTT	TCTGCGCTTG	ACATGAAAGT
430751	CTCCAGGATT	CTGTTACGTT	AAACCCTCAG	ATTTGAGCCA	TGTCAGAAAG
430801	ACAATTAAGA	CAGACAGACT	GGTCATTAGT	TCAGCAGTTT	GCCCCATAAT
430851	ACATGCCCTAT	CTAACCCCCCT	CCCCCACCCA	CTATCACATC	TAGGTGCAGA
430901	AGTGCCCAAC	AAGGATTATA	AAAGGGAAAC	ACTCTAGAAT	CAGAGCAAAG
430951	TTGAAACTTC	AGAGCATGTC	TTCTTGGGA	AAACCTTTCC	CACTGCAGTT
431001	TAGGAAAAGA	TGTGTAGCTA	GTAACATTAG	ATACATTGTG	TCTAAAGCCA
431051	CGTGGTACTG	TCCGACACCA	CATCTTTCAT	GTAGCCATTA	CTTACTTATG
431101	TCCAT'TTCCT	TTCATT'TTGT	GGGT'TGGTT	ATGGTCCCTA	AATTATCAA
431151	TCCAGTCCAA	GGTAGAAGAA	TACCTTCAGG	GGCTGGGGGC	AGGTCTCAAT
431201	AATGGTGAAC	TTCCATAAATG	TGAAGAAGGG	AGGGAAGGAG	GGAGGAGAAA
431251	AGGAGGGAGG	GAGGGTACCT	TAGGAAATTT	TATACAGAGA	GTATAACTAC
431301	AATTCTGCTG	CTCCGGGCAG	GTACACGTCA	CATCTATTCA	AATGTTGGTT
431351	AAACAAGGAT	CACTGAAGTG	TTAACAGAAA	AAGAAATACT	ACCTAATGTG
431401	GTAGGTGTGT	GTGTGTGTGA	GTGGTGTGTA	TGTGGTGTGT	GTGTAGTATG
431451	TGTGTGGTGT	GTGTGTGTGT	GCGCGTGTGT	GAGTGGTGT	TGTGTGTGTG
431501	TTGGGATGAT	GCGTGGTTTTA	TGGGACTAAT	AAAATAAGTT	AAGATTAGTA
431551	GAGGATTAGG	CTTGGGGGAG	GAGATCATCA	CAAGTGCAGA	GGACCTGGTC
431601	CTTTAAGGAG	TGTTGT'TAAG	ATAGAATGCT	TAAAGAATG	CCAT'TCAATTG
431651	GGAATGTCTT	TT'TTT'TTTT	TGGAGAGGGA	GATGGCACAT	GGAGGCATTT
431701	CAAATGAAGA	ACTTTGTTGT	CATTGTTTCT	TTGAAACATC	AT'TTTTGGTT
431751	TGCAAATTAC	ATGCCAT'TTT	TTTACAGACA	ACTAAAGAAA	CGTGATCCAA
431801	CTGTAT'TCCT	CTGCTGTCCC	CTGTTTGAGC	GT'TTCCATAT	GGCTAACATC
431851	AGCCCGGAGA	TTTC'TTTAGA	AACAATTAAA	GATCTTGCCA	GATAGATGGG
431901	AAGAAACCAC	GTGAGCATGC	TCCCTGCT'FG	CTAGTGACAT	TTTGTGGCCT
431951	CCCGACCTCT	CTGACAAATT	GCTCCGCC'TG	CTGAAGCAAG	ACCTCTCAAA
432001	GGCTGGGAAA	TGACAGCCCC	TGTCTGAGGC	ATCTCT'TCCC	ACAATCCAAA
432051	TTGGGCCCTTA	AGGAAACAGT	AACACAAAGT	AGCCTGCTCT	GTTTCTATGG
432101	CACCCAAGTG	ACAGCAGTAG	GAAGTGAGAA	CAGCTGGCGC	TGCCTACCAC

432151	TCAAGGTA AAA	AGAGTTGCCA	GTCAATTAAT	AGAAATATGGT	CCCACTTAGG
432201	AGACCATGCT	AATCAAGGAA	AGTTACGCTC	TCTGCAGGTA	GCATTCACTT
432251	GAAATGTATC	ATGGCTTATA	GTCTCAAAGA	CTCAITTTCTC	ACTGGGACTG
432301	TCATTTGTGG	GTAGGAGTAA	GCCTAACCTG	ATGCTTCCAT	TCCAGCTCTG
432351	GGGAAAGGAA	CAGTGGAGAT	CCCAGTTAGG	ACTGGGAGAT	CCITGGAGCCC
432401	TGAGGCCAAC	TTCCAGGGAT	AGGACCAGAC	TCGGGGATAT	GTGCTCATAA
432451	GCACAGGTGC	CTGCAGAGGC	CAAGTGTACT	GTACAGAAGG	TGGTCTCCTG
432501	AGTGAACCTC	CAGCTGGAGA	CTGGCTAGGA	CAGAGGGCAT	ATTAGTGAGG
432551	GATAGGGAGG	CAAAGGGCCA	GGCATGGCTG	TCTCCATCAG	ACCAAGCCTA
432601	GTGATGAGAA	GTCATTGACT	AGTGGAAATG	TGGCATGCCC	TACTGAACAA
432651	ATAAGAAGTT	TGGAGTATAG	GGTTTACCAC	TTTATCAAAG	TTTCTTTATA
432701	AACTCTTTCT	GTCTGACAAC	TGCCCCTTGC	GCGCACACAC	ACACACTCAC
432751	ACATGCTCAT	CCATCTATTT	GGAGAGGAAI	CAATTGAGAT	GTCAAGTATT
432801	GGAATAGGAAT	AGGATTTTTT	GTGAACGGGG	GAATGATAGA	AAAATCCAAG
432851	TAAGGAATCA	CTCTCCCCCG	GGTGGTTTTA	TTTGAGGTTA	TGTGTATATA
432901	TGTACGTGTG	TGTGTTGGGG	GTGGGGTGGG	GCATGTGCAC	ATAAGCACAG
432951	ATGCTTGCAG	AGGTCAGAAG	AGAACATTTG	GTCTAGACAG	TGTCTTCTTG
433001	CCACCCACC	CCACCCACC	CCCAGAGGGC	AAGGACAGAG	ATGACGGGAC
433051	CTGCTGATTC	TTGCAAGTCC	TCAGTCCACA	TCTGTCCACT	CTGTTGCCCTG
433101	AGAATGAAAA	TCAGCTTCTA	AITTAGTACT	CTTTGGGTAT	CACTGCTTTC
433151	TAATTTTCTC	CTCTGTCTAG	ATATTACCAT	CAGGCAAAGA	TTTATATAGC
433201	AATTTTCATC	TGAGGGAGAT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
433251	CTCTCTCTAG	CAGAATGAAT	ATCTCAAATC	ACCACTCACT	ATCATAACAG
433301	CCCTTCAGAC	AGGTCAGATG	CACITACTGC	GTTGACTTAC	TCTGAGTATC
433351	AAATCCCAGA	GGCCTCTGAA	GCCTCTGCCC	TAGAGAAGAC	CAAGGACTCG
433401	GTGGTCCAAG	AAAAC TAGGA	CAGCCTTACT	TTTAAATTAA	AAATGTAGAG
433451	ATCCCAAATG	AATGGTTCCC	TTGGGGAATA	TAGAACAAGA	GTTTGTCTTA
433501	GCTTCCTTGT	TCTGCTGTTT	AAGTCATTCC	AAAGTGAGCA	TTGACACCCA
433551	ACCATCCCAG	CCAGGCTGCA	CTTTGAATAG	CATCACAAGC	CCCGAGTCCC
433601	TGGTGAACCT	CTCTGTCTCT	GTCTCTATCT	CCATCTCTGT	CTCTGTCTCT
433651	TTGTCTGTGT	ATATGTGTTT	GTAGTGTGTA	TGATACATGT	GAGTTTATGT
433701	ATGCGCAGGG	GGTATGTGCA	GGGCATGGTT	GTTAGAGGCC	CATGTTAGTT
433751	GCCCTCAATA	GATTTCCACC	TTATTTTTTT	CATACAGAGA	CTCTTATTGA
433801	ACCTAGAGCT	CACTGATTTCC	ACTTGTCTAG	CTGGCCAAAG	AACATCAAGA
433851	ATCCCTTGAT	CTCCACCCCT	GCAGGGAAAC	CTCTAGTTTC	TTTGGAAAGT
433901	TAGTTATGTC	AAATGATGTT	TTTCTGGGGC	ACACAGGTGA	AAGGATGTCT
433951	TGCTAAAGCA	GACACATGAA	AGAATGTTTT	GCTGAAATAG	ACACGGGGAA
434001	AGGGTGTTTG	GCTATAGCAA	ACACATGAAA	GGATACTTGA	TGAAGGAGCA
434051	TAAATATGAT	CCCACAGACA	GTGGGAGACA	AGCACTGAGC	TTTGTATATGG
434101	TTGTTCCACC	TCTCTATTCT	TCCCTAACAA	TGCGCATACA	TTGGATCACC
434151	TTATGTAGCG	TTGTTGAGCT	CAACTTGTGA	TAACACAGCC	ATTGAGAGAA
434201	ACTTGCCATA	GAAC TGCTTG	TGAGGTTCCCT	GTGGCAGCTT	GCGTCTTCCC
434251	TGGCCTAGCC	TCAGGCCAGT	TGGCAAGTCT	AGCCATTTCT	TCAGGTTTGA
434301	ATTACAGCTG	CTGGTTTGTG	CCTGGTGTTT	GCCCACCTAG	AGGACTGTCC
434351	TGCAGCTGCT	GGTTTATGTT	TGGTCTCTGC	CTGCC TAGAG	GACTGGCCTG
434401	CAGCTGCTAA	GTCATAATTT	GTGTTTGCTA	AAGGACTGGA	CTCCTGAAAA
434451	AGATGGAGCT	TACCCCAAT	GAAC TATTGC	TAAACAGGTCC	ACTGCCCCCA
434501	CATCCTAATA	ACTTTTCTCT	TCACTACCTC	TGCTGGGTGG	TGGGCTAGAG
434551	GAGAGGTTGG	ACCCTTATTA	AAAGTAGGTT	GCAAAAAAAC	CAATATGCCIT
434601	ACAACCCCTT	CGATATGTGC	CACCTTGCCC	AGATTITTTAT	GTGACAGGTG
434651	GGGATCTGAA	CCCAGGTTCT	CATGTTTGAA	TGACAATCAC	TTTACCACAC
434701	AGAGCCATCT	TCTTAGCATC	CCTCACCAGC	CCTGATTTTA	TCAGTGAGTT
434751	CTAGTTTTGT	TTTGTITTTGT	TTTGTITTTT	TTGGTTGTIG	CTACAACAAA
434801	CAGTTC TCAA	AATCTTGGTG	TGTTATGGCA	TCACAGGCTT	ATTCTTAGCT
434851	GAGGTACAC	TTTGGCATGC	TTGAGCAATG	TCCTCTGCTC	CATAGAAGCC
434901	CCACTTGAGT	ATGTAGGCTG	ATATTTTCAGC	CTGACAGCAA	CAGCAAGGGA
434951	TGGAAAGGTT	GCAAAGATAC	TGCTCCCAAG	TCACCACCTC	CCACTGAAAA
435001	ACAGACAGAT	AGATAGACAG	ACAGACAGAC	AGACACACAC	ACACACACAC
435051	ACACACACAC	ACACCCTTCT	CCTCACCTTT	CATTGACTAG	AGCATGCCAT
435101	GGTTACACTT	AACTTCCCCA	AACTCAAAGT	GACGGTGGTA	ATATTTACCA
435151	CACCCACTAT	GGCACCCAAG	CTTGGAAATGC	CCTCCACTTT	GGTTCTGATT
435201	TATTAGACTG	GCTGTCAGCT	TTTAGAACAC	GATGTAATCA	TATTTCGCTT

435251	GGTCTCTTCT	AACTCGGCAG	CATCGCTGAT	ATCATCTGAG	ATCTGTGGGT
435301	TGGAGCTAAG	CTCTTCACTG	GGACAATTTT	TTCTCTCTCC	CAGCTCTGGC
435351	TTCTGTAAA	ACAGTGCCTT	TGGTGTGTGTC	AAAAGTGCGC	CTGTTTTTCC
435401	TCCTGTGTTT	TCTGCCTTTT	CCAGCCCCC	ACCTGGGTCT	AATTTGTGAG
435451	AGCATCTGCA	TGTTTTAAAG	GCTCATATATG	TAAATGTATC	AGAGTCCATA
435501	TCCATCAACA	GATAATTAAG	AAGACTATAT	ACATATTTAT	GAGATAGCTT
435551	AATATTGCTT	TAATGAGGAG	GTTTACTGGA	AATATCAAAT	CAAGGAGGCA
435601	AAAAGGAAAA	AAATGATCAG	AACAAAAAAA	AGCGTGCAGG	CTTTCATCAG
435651	TCCTTGGTAG	TTCTGAACTG	TCAGAACACT	CAAAGGCTTG	TCAGAACTCA
435701	GATTTCTGAT	TAGCCTACCA	TACATGGTAA	GAAGCCAGCC	GCTAGGAAGA
435751	TGGGAGAGAA	ACTCGCTCCA	GACTTCTTTG	AAAGCAAAGC	TTTCTTGTGT
435801	CAAACCAGAG	ACTTCTCAAG	GAGCCAGCCT	CCTGTTCCTA	CACCTGGGAA
435851	AGCGTTCACC	ACAGGGAGTG	GCTACAAGTC	CCCTAGGGCA	GTCTCTAGCT
435901	GAAGCCAGAG	AGAGGGGAAG	ATGTGGCTAT	TTCTCAAGCA	GGCAAAAGCC
435951	AGCAGGCACC	GGCCTTAGGA	GTAGAAGAG	GTATGGTCCG	GACTCTCTGGA
436001	TGCCTCTTGT	CCTGCAGCCA	GGACACAGAC	AGGTGCTACT	AGCATGAATA
436051	AAAGCCCAGC	TTCCCTCACT	TTGTGGGCCA	GGCATCTCTG	TGCAGCACAC
436101	AGTGTGCACC	TAGCCATGTC	TAGAAGCCCC	TTGTGTCTCT	ACCAGGAGCT
436151	AGCCTAAGTC	TGCAGGAACA	GTGCTATACC	CGCATGTAT	CCAGCAACCT
436201	GTCCCTTCCA	TTTGCCTAGG	TATCTGCTCA	ACCCCTCACT	GGGCACCTCT
436251	GCACCCGCCA	TTCTATAGGC	CAGTCTTTGG	TCACCATGTG	TAAGGAGGCT
436301	CAAAAGAAAA	CTGGAAGCA	CAGGCTTGC	AGGTGGTCAG	GAACAAAAG
436351	AAGCTAGAAT	TGTTTCATCAC	ATAGCCTTGT	CTCTGGAATA	GTCTGCCTAT
436401	CTGGCCAACA	AATACCCATG	TCACTCTTTA	TCCTCAAATC	TTCATGTCAA
436451	CTGAGAAATT	CCAAAGACCC	TCTGGGTAAT	TTAAATAGCT	CAGAGCCAAG
436501	GACTTCCGTG	GGTTGGCCAG	AACTCACCAC	TGAATTTAGA	CTAGCTTCCT
436551	CTTGTTTAGA	GACCTGTGAA	CTAGAAAAAA	CAGAATATCG	ATTATCCCTT
436601	GTGATGGTTT	ATATATGCTT	GGCCCAGGGC	GTGGCACTAT	TAGGAGGTGT
436651	GGCCTTTTGT	GAGTAGAAGT	GGCCTGTGG	AATGGGTGTG	GCCTGTTGGA
436701	GTAGGTGTGG	CCTTGATGAA	GTGGGTGTGG	CCTGTTGGAG	TAGGTGTATC
436751	ACTGTAGCTG	TGGACTTAAG	ACCTTCATCC	TAGCTGCCTG	GATGTGAGTC
436801	TTCCACTAGC	AGCCTTCAGA	TGAAGATGTT	GAACCTTCAG	CTCTGCCTGC
436851	ACCATGCCGT	CCTGGATGCT	GCTATACTCC	CACCTTGATG	ATAATGGACT
436901	AAACCTATAA	GCCAGCCCCA	ACTAAATATT	GTTATTATCA	AAGTTGCTTT
436951	GGCCATGGTG	TCTGCTCACA	GCAGTAAAC	CCCACTAAG	ACACTACCCA
437001	TGATGATCTA	TACACACTGC	TAAAGGGAAG	TGCCTAGCCC	AAACGAAAGC
437051	TGCCATTCAA	ACACGTGAGA	CATAGAAGAA	GCAACCCCTG	CTATAGCAGT
437101	TCTGAAATGC	TGGCGGCAGG	GGAAATTCCT	TGATTTGATC	CAGTACATGC
437151	CCCTGGGACC	CTGCTCTGCC	TGCCAATCTT	TGTGTGTCTA	AACTAGGATG
437201	CAGCGATGAT	ACCTTTGGGG	GAGTCCACG	GCTTTGGGAC	CCTTGTCTCT
437251	TTCTAGAGC	AGACTTACAA	AGCTAAGGTG	GTTTTAAAT	AGCAACACC
437301	AACTGGTTCC	ATGTGCTCCA	TTTTTCATTTA	AGTTCATGCT	TATGGTTTCT
437351	TTGACTTGAA	CAATTCCCTA	GCATAGAGCT	GGTACTTTGT	CAGGACTCAC
437401	TCTCTCTGTG	TGTCTCTGTC	TTTCTCTTTC	CTCTCTCTCT	CTCTCTCTCT
437451	CTCTCTCTCT	CTCTCTCTCT	CCTCCTTGTC	CCCCTTCACG	TATCTCCATA
437501	ACCCATGCCC	CAGAATTCAT	CCACACGGTC	CATTTAACTG	CACCAAAGTC
437551	TGGAAAAATAC	CATCTCCTTT	ATGTGCTCAC	AAAGGGAAAG	AAACGGGGTT
437601	CAAATAACTG	CCATCATTTT	TCCCCTGCCC	ACAAACTGCC	ATGCCTGGGA
437651	CCATGCAACC	CACTAAAAAG	AGATCTTTGG	AGTGAGGTAA	AACTTTCTA
437701	AAACAAAAAG	TGGGTATTGT	TTCCAGAAGA	AAAGAAGATC	TGAAGTCGAC
437751	AAAACAGAAT	ATTCTAACTA	AGATAGAGGG	CTTCAGTTGC	TTCCACAATA
437801	AAAGGGAATT	AAATACCAGAA	TTTCCTTCTT	AAATGTGTC	AACTTCTAT
437851	CAGACAATGC	TGGCCAAGTA	CTTTGCACAA	TATCATGTAA	GAGGAACCTA
437901	TAGAAATATCA	CAGAATGGTC	AAGACATGTG	AGGCTGAGTC	CATAAATTCA
437951	TCTAGGCAAT	AAATTCATTT	TACCATATTG	GAACCTAACA	GCATTAAGCC
438001	TGTTTCTCCT	GCTGACAGAA	ACTGAGTCTC	AATCCATTTT	TAGCTAACAT
438051	CTACAAAGGAA	AATCCAGCTA	CAAGGAAAAA	AAGGGCAGAG	GGTGAGAAGT
438101	CTTCTGGCCT	CTTTTGTTAC	TCTCTGCCCC	TTGAGGTAGC	CTTGGCTACT
438151	ATTTGGGTCC	CTGGTTTGTG	TGGATGGTAT	CTTGTTCCTA	CCACTAACCA
438201	TCTATAGGCC	TGCAAATACC	ACATGCTATA	TCTGGATGAT	TCCAAAGTAC
438251	ATAGGAAACA	CCCCTCATAT	TGCCCAGATT	ATTCTGGAA	GTTAGAATCC
438301	TCACTGAGGC	AGCCTTCGTT	CATTCTGTCT	CAACTTGTTT	CACCTGATAGG

438351	CCTTTGGCTC	TCAGATCTCA	TTGGTCTAGG	GATCCAGGAT	CCTTCCCAGG
438401	CCCTGACAAT	GCAGCTCAGG	TGTGTTCTGT	CTTCTACCTG	GGTATTCCTT
438451	CACAAAAACC	AACCACACCC	TTCCCCTAGG	CTCTGTTGAA	GAAGAGAGTT
438501	CCCATAGCCT	CAAAGACTAT	GCTATCCAGA	CCTATAGACA	CTGGCCAAAT
438551	GTTGCTATT	AAAGGCACAG	GAAGAGAAAG	TTGTATTTTC	ATTGAATTGT
438601	GCTGGGCATA	TTTCAAAGGC	TTCTTAGTCA	TGTGGACAGA	GGCTAGCACT
438651	CTAAAGGTAG	CTTGTATTGT	GGAACATTTT	TACTGCCCAG	AGAACTCTAT
438701	CAGATAGCAC	TGGTCTAAGG	CTGCTTCCTT	TCTAAGGAGC	ATGGGTCTGC
438751	ACCTCTTCCC	CTCAGAATCT	TTACTGACCT	GAGGAAGAAG	GCTTGCTTGC
438801	ACATGGTCTT	CCAACCTTAT	GTACATCCTG	CCTCATGTTC	CACACTTAGG
438851	TTTAGAAACT	CATAATCCAG	GGAGTGACTC	CCGTGTTTTT	TATGCTGTAC
438901	TGGTTCAGTAG	ACACACTGAG	AGTGGTACGT	CTTTATTGTA	AGTAGAGGGA
438951	CTTGTTATT	CTATTTGCTG	CGCCAAGAGG	ATTTGTGGGA	CATGGAAGCC
439001	ATGAGAGAA	TCCCAGACAG	TCAAGTCCCC	CTAGCTACAG	AGAAGCACAG
439051	CTTGCCAATG	TCCACTGGGG	GAGGGGCGAG	ATATCTATTT	TTATTTCTT
439101	AAACGTACCT	CACCTTTGCA	GCCATTTT	ATTTGACAAA	AGTCACTCAT
439151	TAACCTCCTA	AATTAGACTC	AGATAGTTGT	TCTTCTCTCT	CTAGAGCACT
439201	GTTTCTCAAC	TGTCCTAATG	CTTTAATACA	GCTCCACATG	TTGCGGTGAC
439251	CCCAACCATA	AAATCATTTC	ATTGTTACCT	CATAACTGTG	ATTTTGCTAC
439301	CATTATGTGT	CATAATGGAA	ATATCTGATA	TGCAGGATGT	CTGATATGCT
439351	ACGCAGAAAT	TCTGATATGA	AACCTCCAAA	GAGGTGAAA	CCCATAGGTT
439401	GAGAACCACT	AGTCTAGACA	TTTCCCTGGC	TCTCACTTGC	CCACACCCTT
439451	CTTCTCTAGC	CCCATGAGTT	CCAGAAATTT	TGGTTGGTTC	TGCCTGATGT
439501	TAATAGTGTG	GTATTCACAT	CATGTTCTCT	TCTCACCTCT	ACCAGGGGAA
439551	CAGTTAGAAT	GTCAGACATT	TCACCCTTCT	CTTGGGGAAA	AAATGATTAA
439601	TCCTGAGGTC	AGCTAACAAG	CCTGATGTCC	CCTTTGCTGG	ACACACACAG
439651	TCAGGGCTCA	CTCCACAGGA	CCCCTGTGAA	CATTAACCTC	AGCCCTTTGG
439701	TGTGTTGTT	ATTTTGCCCC	ATTTCCAAC	GACATAGCAC	CAGGTTCAAA
439751	GAGAAAAGTG	ACTGGAGAGA	AAGAGCTGTC	ACCCCCCCCC	CGTGAATGCC
439801	CCCCCTCACC	CCATTCCCCA	CTCCATCCTC	TCCCTGACAC	CTCCCTGTCC
439851	TGGATGATTA	AGTGTGTGAG	CCACCTAAAA	ATATCTGTAT	AGAAGCAGAG
439901	ATGAGAGAGA	GAAAATGAAC	TGTTTCGTGAG	GAAGACAAAT	GGTATACTTC
439951	CACCCCAGGC	AGTCCCTTGG	AAGGTCTTIG	GCTAATAACC	ACCACCCATG
440001	AACATGGTTT	CTGCTGTTC	GTTCCTGCGA	TAGACACCCC	TCCACTAACA
440051	GGCTATTGCA	AGTATAGCCT	CCTCCAGGAA	GCCACTCACA	ATTTCGCTAT
440101	CTCAAACCTT	TGTCACAGCT	GCCAACCTCA	TGGAAGATT	AAAATACAAA
440151	GTTGTTTAT	GTATTTCCGA	GCAGATTTGA	ATCAAACCTC	TTGGATGAAA
440201	GAGCTAAATG	TATTTGGCAAT	TCTAGGGTCT	GAGTCTATGG	CCTTGCGAAT
440251	GCTAGGTAAG	CATTTCTACCA	TCAGTGACCA	TAAATGAGCT	ACATCCCTGG
440301	CACCTGTTAT	TCTGAAGCAG	AAACTCTCCA	TATTGCCCTG	CCTAGCCTTG
440351	GTCTCTTCC	GTAGTCTGGG	AATACCTAGA	ACTTGTTATC	CTTGTGTTCA
440401	TTGCATAAGC	AGAAGGGTGC	AACATGTGGT	CCTGCCTGAC	TTCTGTCACT
440451	TAGAGGATTT	GTCAAGATT	ATCTACATTG	TACTCTCATG	GACCTGTTTT
440501	CCATTTCCCT	TTCTGTCCAA	ATAATGTCCC	ATTGTATGTA	CATGCCAACT
440551	TCTACTTTCC	CAGTCATTAG	TTGCTATACA	TTTGGGCTGT	GCCTGCTGTC
440601	GGCTATCATG	AATAACGCTG	CTATGAATAT	TCATGCACAA	ACTTTGTGTG
440651	CACATATGCT	TGGCTATATG	CCCAGGCGTA	TAAATTGCTGG	CTCATACAGC
440701	ATCTCTAAGT	TTTTTGAAGA	GCAACTAGAC	TTTTCACACAG	TGGTTTTATC
440751	ATTTTACATT	CCCAGCAGCA	GTGTGGAAGG	GTTTTGGATT	CTTATCCAAT
440801	GGTTGTTATT	GCCGGCCTTT	TATTAATAACC	ATCCTATCAG	CTGTACAGGA
440851	GTATCTTCTT	GGTGTCTTGA	TTTGTAAGTC	TTTGGTGGCT	AGTGACAGAC
440901	TTTCTTATGC	TCCTTGAGGT	TTCAGATTCT	TTTCTATAAT	GTCCATGAGA
440951	CAGTGATAAA	GGTACCTGTC	TCCTGGTCCC	TGCTCAATGG	TCATCTCCCA
441001	GTAGGTCTGG	TGCAAACCAT	ATCCTCTTAG	TGATTTCCCA	GTGCCAACTC
441051	TATTTATGTC	ACTCACCAT	AATCAAATAA	TGAGTTGCCA	AACCTCCTAG
441101	CTAGTTCTAG	TCTGGATGGA	GAAACAACAG	TGGGAGCCAG	CAACGTGACT
441151	GACAGGCCCT	GCATCTCATG	TCACTGAGAC	GTGGAAATCA	GCTAAACCCA
441201	AATACTCCAT	TCAAGCCAAA	GCTACCATTC	AAAACCAGGC	TTAATGCTCT
441251	TGACATCAGG	TCACTGGAGA	AGAGCTAGCG	ACTGGTGAAC	TAGTATTAGA
441301	CCTACAAGTT	ACACAGATT	ATTCAGTGAA	CCATCCCAGC	TCTCTGAGAC
441351	AGGGATGGTT	GTGTCTTACC	ATTTTGCAGA	TAAAGGAAC	GAAGCGAAGA
441401	AAAGGTTAAT	AATTATATCT	AGAGCTAGTC	AACAGAAAGA	AGTGCTGCCC



441451	ACATCGAA'TT	GAGGTTGCCC	AGTGCCAGGC	TGGACGATAA	TGAACATGGG
441501	G'TGAGTAAAT	GAATAAAATT	T'AAAAATCCC	ACAGGGGAAG	CCAACGTC'TA
441551	CAGAAAGCCA	ACTTTCTAGA	AGACCAGAAC	AAGGAGTCT'I	ATGGGGAGGA
441601	GGCTGTCTCT	CTGAAGGGCA	TCTTGACCCC	TGACAAAAC'T	TACAACTTCT
441651	GATATGGGTC	TTGGAAAATT	CAAT'GGCTTG	GGGTFTTAT'T	TCGT'TTCATT
441701	CTTTTATAGA	TTCATCCTGG	GAGGTGCTAG	CACACGCC'T'I	TAAT'TCCAGC
441751	ACTCAAGAGG	CAGAGGCAGG	TGGATTTCTA	TGAGTTTGAA	GACACCCTCG
441801	TCTAGAGAGG	AGGGGAGGAG	GGAGAGAAAG	AGTGAAGAC	AGAGAGGGAG
441851	AGGGAGAGAG	AGTTCAGGAC	AGCTAGGACG	ACACAGAGAA	ACCCTGTCTT
441901	AAAAATGC'T	TTAAAGTAAG	ATTCATTTAT	TTTTATTTTA	TGTGTAGGAG
441951	TGTTT'TACCT	GTGTGCACAT	ATACATGTGC	TGTATGCATT	CCTGGTGCCC
442001	A'TAAATGTTA	GAAGAGGACA	CTGAAT'CCCC	TGGACTGGAG	T'TACAGGTGA
442051	T'TGTGAGTCA	CCGTGTGGGT	GCTGAGAACC	AAACCTAGAT	CCTCTGCAAG
442101	AGCAGGAAGT	GCTCTTAGCC	ACTGAGTGG'I	CTCTCCAGTC	CTCTCCAGTG
442151	G'TTTTGT'TT	G'TTTTGT'TT	TTTTTGT'TT	GT'TTTGT'TT	TTGAACAGAC
442201	ACAAATCC'TA	AGCATAAATA	TGGTCACTGG	AAATGGAAGC	AGATGCATTG
442251	TGCTGCAGGT	GTGGGTCATC	AAGTGTTCCT	CGGGCCTCGT	GGGGATGAAT
442301	TGGCACTGAG	GTAGGAAGGA	GAAAAAGGGT	CTTGA'TGGCT	CTGAACCAAG
442351	CTATTTATTA	TTTGAGATTT	AAGATTAAT'T	TAGGAT'TAAA	GCT'GGTGCAG
442401	AGAAACCC'TT	CGGTACACCC	TGCCAGTGCA	GTGC'TGTGTA	CCCTCTGATT
442451	CTCTGTGAGT	TAGT'CACAAA	GTAACACATT	TCTCTGAGAA	GGGAGATTGG
442501	CTTAGTGAGC	TAAATGTGG	CTGGATGCT'I	TGGCTGGGTA	GTTCTTGTAAG
442551	TACCCTGAAC	AACTCGGTAT	GAGATCCCTG	AACCATCGCC	CTGAATTCCA
442601	ACGAGTCAGT	AA'TCTCCCTT	TAATGGC'TAC	ACAGTCTGAG	GCTGGTGAAT
442651	AGAGGAATCT	TGGCAATCGA	GGAACAACTC	GCCATAAATC	TAAAAGTGGG
442701	TTGCCAAAAG	CTCCCTGCTC	GT'TCTACTCC	AGATGAAGAA	ACAACCACAG
442751	GAGCCAGCAA	CAAATGACTC	GAGAGGACCT	TTGTCTGGCA	CCATGAGATG
442801	GAGAAGCCAG	CGGAAGCCAG	ACATACAGCT	CAAGCCAAAG	CCACCATTCA
442851	AAAACAGACT	CAT'TCATCTT	GACATCAGTG	TCTGATCCAG	AAAGCCAGGA
442901	TGCTTTGCAG	CC'TCAAAATA	GCACAGAGCA	AGAAGGAGAC	GGGAACACTG
442951	CTGCTGGGGA	GCCCTGCT'GC	TGGGGAGTAC	TGCCATTGGG	GACTACTGCC
443001	ACTGGGGAGT	ACTGCTACTG	AGGAGCACTG	CAGCTAGGGA	GCACTGCAGC
443051	TTGGGAGTAC	AAGCAGTCT'G	ATCACTAGAC	CCAGGGCATC	CCCCGAAC'TA
443101	TATACTGC'TT	CACAGGCAGA	TGACAAAGCC	ACCTGAGACA	CTGGAAC'TGT
443151	GGTCACAGAT	GGAGGAGCAG	TGTTGAGAGA	TAATAAAAGG	ATTGCCATCC
443201	ATGGGCAGAA	AGAAAGGAAA	CACAT'CGCAG	ACAGTCCATG	AGCATGGCAC
443251	AAGACTAACC	ACATTGGTAA	TTATTACTGG	TGTTCAAGTGT	ACTGATAAGA
443301	CCACTAAGCT	TTTAGGTGTG	TACCAAGGCT	CTCCCTTACA	CCATCTCACT
443351	TTCATTATTA	AGCAACACGA	CAGTCCTTAG	AGACCGTGAA	TACTCGTGGG
443401	AGCATCTTGA	AGGGCTCTGA	GGAGAGAAAC	TTTGGAAGG	ATTCTCTAAC
443451	TCTTACCCAG	TGGTAGAGCT	GAGTCTGGAG	CTCTGTAAATC	TCCAAAGCCC
443501	AAAGCCCCAC	GCATGAAACC	AGACATAATA	CTCCCACGAG	GACGAT'TAGT
443551	CGGTAAAGAT	GAAGTGTGGA	GGGACTCTGG	ATCACCTATG	TGCCTCTGAG
443601	GTCAAAATGG	G'T'ITTTGAAA	TCGTAAGTGT	ATATGCTCT'T	GCCTATCTGT
443651	GCATCAATAC	ACGCGCACAC	ATGTAT'TCAA	GGGGCTATTA	AACAGCCTTT
443701	GTCT'TCC'TTG	TTACACTTAA	TAT'TCCCAAC	AACCTTGAAA	AAATGAATTA
443751	TGGAAGATTT	GTTCTAAAAA	CAGCT'ACAAG	AATATCTTT'I	ATCTCTCTTG
443801	TCTTCATGGG	GAGAAATAAG	TTTGTGTGTA	TATGTGGGGG	GGGGGGCAGG
443851	GGTCAACCTC	AGGGTTATTC	CTCAGGCACT	GTGAGCCATT	TTTCTCTCAT
443901	TGGTCTGGAA	CTTGTCAAGT	AGGCTGGAAC	CCAGGAAGC	TACCTGTCTC
443951	TGACTCCTCA	CAGGCTGTAG	GGATTATCAA	ATGAGCTATC	CCCTCAGCCC
444001	TCTCTTGCC'T	TGATGTCTTC	AATTC'TATCA	CTAAGATGTT	GGTCTAAGG
444051	ATACATGCTT	TGCCTTTGGG	CTGTTTGTGA	CTTGCT'TTTT	AGTAAAAAAA
444101	AAAAAATAGT	TGGTAGAT'TG	GTAAATAGGC	AGATAGGCAG	ATGATAGATA
444151	GGTAGGCAGG	TAGATAGATA	GATAGATACA	TAGATATATA	GATAGATGAC
444201	A'TACAGATAA	TAGGTAGGTA	GATAGATAGA	TGACAAACAG	ACAAAGATAG
444251	G'TAGATCTTT	GGAGAGATAG	ATTTAAGGAA	TTATCTCATG	TGACTATGGA
444301	T'TTAGAAAG	TCTAAAAATCT	GCTGGTAGCT	AACCAACTGA	AGAGTCAGGG
444351	GAGCCTAGAT	TTGAT'T'CAAA	AGTTCAATTC	CAAAGACATG	TACTGAAGAA
444401	TTA'I'TTCTTG	ACCAAGGAAA	ATCCAT'TTTT	CATTATATTT	AATTCTT'TAA
444451	CTGA'TTGGAC	AAAGTTCACC	ACCT'T'TCGTA	ATGGAAGGCA	GCTTACTCTG
444501	T'TCAATGT'TT	ACCAATTTTAA	ATGTTAATTC	CATAAAAAAA	ACCACCTTCAG

444551	AGTAACTTGT	GACCAATGAT	CTAGGCTCCA	TGGTGCAAGC	CAAGTTGACA
444601	ATAAAATTAA	CCATCACATT	GAACCCTGTT	AAAGGAAATT	TGAACCTGCT
444651	TCTAGTTAGG	GTGCAACTCC	GCCCCTTAGCA	ACACAACTTT	AATTCCTCTG
444701	GCTGGAATAC	AGACATGCCC	TTAGTATCCA	CCTTGAATCC	CAAACAATGA
444751	AAGTAAAGTT	AGTTTGTAGA	AGGAAGCACC	ATATTTGAAA	GTGATGTTGA
444801	ATTTTCGAGGC	AGACAAAGTG	ATGAATCAGA	GAAAGATTTG	ACAGAATAGG
444851	ATATACACAA	CTCTCACGAG	AAGAGAGAGG	AGAGGGAAGC	AGTTAAGGGA
444901	GAGACAGACA	GACAGTACAG	GAGAAGAGAT	ACAGTCCAGG	ATACAGTAGA
444951	GTTTCATGGAG	ACAGTGCAGC	CGAGTTGAGA	GGGAGAGTGG	AACAGCACAG
445001	AGAGGCAGAA	GGAGACCGTT	TTACTATGAG	TTCTACAGAC	ACAGGTGAAG
445051	ACAGAATGAG	CCAGAGAACA	AGGATCCAGA	AGATTAGGAC	AGATTGCTGG
445101	AGTTAGTCTG	AGGCTGAGCA	GAGCAGTTCA	GGGTCAAGAG	AAAAGCCAGA
445151	CTGGATCGGT	CAGCTGGGAG	AGGAGTTTGA	ACCTGAACAG	CTGAGTTGTT
445201	GAACCAGCAA	GCTAGGGTTC	AGAAAGAGCT	AGAAAGGGGT	GAGCTTATTA
445251	ACCAGCAAGT	CCCAGAGGCT	GAAAACATTC	TAGATCTAGA	CAGATTATAT
445301	GGAGGCGAAA	AGTTTCTGGG	ACTGGGCCTC	GGTTAGCAGA	CAGAGGCAAT
445351	AAACCTCCCA	GACATCAATC	ACAGCAGGAG	GATAAAAGTT	GC'TTTTACAC
445401	CTAACCATCA	ACATACTGCA	CTGGAGTTCC	AGGATCATGA	AAAGTAGCAA
445451	ATTCCAGCCA	TGGGGTTTCA	GGCTGTCCGG	TGGACGACAA	GGTAAGACCA
445501	ACAACCTGTA	GTGGAGCTTA	CAGTTTGTGT	AGTTTAAAC	ATAAGCAAAC
445551	ATATAGCTGT	TGCACATTAA	GAACAGGATC	AGTCCTCGGG	TGCCTTACTA
445601	AACACCAGAA	CCAAATCCCT	ATGGCACAGT	CAGACTGCCT	CCTTTTCTAC
445651	TCTGATTTGC	TGGCAGCAAT	ATCTGGACAC	ATCGCTGAGC	TGTTTTGTGC
445701	CTGGATTTCT	CTGTCTGTGA	AATGGGCAGG	TTTGTGCATT	CTACCTCTCT
445751	CGCCCACTCT	GGTGCTGATG	AAGAGAAGGG	AGGAATAAAA	GTGCCATGGT
445801	GGCAGAAAAG	TCTTGAGGGC	TGCTGTATAA	TCAAACATGG	TTCTGTAGA
445851	GCCCAAATGC	AAAATCACTT	TACCGTGCAA	TTCTGAAAAA	GAGACATCTG
445901	GCCCTGGGAAA	CCTAAAGAAA	ACCACAATCT	TTCTGACCAA	AGCAATTTC
445951	TTGAATAACT	GGTCCTGGAG	GCTCTCCTCT	CACAGCTCCA	ATTACCCAC
446001	CAACTCAAGT	CCACTTAGAA	ACACATCAGT	TTTGTGTGCT	CTCTCTCTCT
446051	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCC	CTCTTTCTTG
446101	CTCTCTCTCT	TGCTCTCTAG	CTCTCTCTCT	CTCTCTCTCT	CCCTCTTTCT
446151	TGCTCTCTCT	CCTGCTCTCT	AGCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT
446201	CTCTCTCTCT	CTCTCTCAAC	ATCTGCTATG	TCTATTTTAA	CTTTTGGCCA
446251	AAATGAGAAA	GGAAGCCTTT	TAAATACCCT	TCTAAATAGT	AGCTTTCCTC
446301	TCCCCTCACC	AAACAATCCA	GCACAAAGTA	TAGAATTTTC	TATATAATTG
446351	CAGCTACGCC	ACAAGCTGCT	ACAGAACAGA	ATTGTGCAGG	AATTTTAGAC
446401	ATGACCTCAT	TAGGCTACAG	TTAGTCTACA	AGTAAGTAAG	ATCCACCTG
446451	GGTGATGAGA	GAGTAAAACC	CAGGAACCAC	ATCCAGCTAC	ATCTAGCCAT
446501	CATCTAGAAA	CGTCTACTGC	CAGACCTAAG	CCCCATGTGA	ACACTGTGCT
446551	GGTCAATATT	GATTGTCAAC	TAGACAAGAT	CTAGCCAAGC	TCCCTGGCAC
446601	ACCCATGAAG	GATTTTCTTG	ATTAGTTTAT	TTATAACAGG	AAGACTCACC
446651	CTAAACATGG	TGGGGTGCCT	TCCACCAGTG	GCCCAGAAA	AAGGAAGTAT
446701	GGAGAGCAGA	TGTGCTTCTT	GCCTGCTTGC	TTTAGCTTCT	CACTGCTGAG
446751	TTTCATCTACC	CCGTTCTCCC	ACTGCAGGTA	CCATCCTCCC	TGTCTGCTGT
446801	TTCCCCGACC	TCCATATACC	TACTGAATGA	AGTCACAGAT	TTTCCCTTCC
446851	TGATACTCAG	AGAGCTTCCG	TCTCCCGCAG	ACCAACAGTC	CCAGGGCTCA
446901	GAAATGAGAG	CATCCATCTA	CGTTCAGGTC	TCCTTGCCCC	CCAGCCAACT
446951	GTTCTCTATC	ACTATACCCA	ATGTCCTTCC	AACAQGAACC	AAATGGCTGC
447001	CTGGTGATCA	GATATGACAG	GCAAGAATAA	CGAAGCATGG	AGAGAGCTGG
447051	AGAGGTAGCT	CAGTGGATAA	CATGCTTGTA	ACACAAGCAT	GAATGAGACC
447101	ACAGGTGAAC	CCTGGCCAGA	ACCCATACAG	AAGCTAAGCA	GGCATGACAG
447151	CCACCTTTAG	TCTATTCCCTG	GGGAGGCAAA	GATGGGAGAC	TCTGGTGGCA
447201	AGCTGGGGTA	ATTAGACTAG	CCAATTGGTA	AGCACTGCAT	TTTATTGAAA
447251	TTGAAATGAA	GTAAAGAAGA	GAGGAATGGA	GGAAGAAACC	CTAAATCAAC
447301	TTTGGGTCTC	CATAAGCATG	CACACGCACA	CACACACACA	CACACACACA
447351	CACACAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAGA
447401	ACATGTGCAC	ACACAGAGAA	ACAGATAGAC	AGACAGCATA	GAAGTGTATC
447451	TCTGGTACTA	TCTCCAAGTA	AGAATTAGAC	TTTCAATTAT	CACAGGTTCA
447501	ACCAGTCCCC	TATCTCAGGA	CATAAGCTAG	CACTTTGCCC	TCTGGCTATG
447551	TGCATGAGGT	CTCAACAGTA	CTCTAGAAGT	ACAGGAGTCA	TTCTATTCCCT
447601	GAGTTCCTCT	CCCAAGGCTA	GCAGGGAGGG	AGAGGAGAAG	AGAAGGGTGT

447651	GAGCATGGA'T	ATATCACTAA	GAGGCTTCCC	GTTGCATGTG	ACAGGTGAAA
447701	ACCGGGCTGA	AACTATTTAGA	GTTTCTTTTT	CTCACCTAAC	AGTGGTTGGG
447751	AGAGTCGAGG	CTGTGGTTCA	ACTGTCAGGG	CATCTCTCAG	AATCTCTAGA
447801	GACTATTCCC	CATTAGTACA	TGATGGCTGT	CAAAGCTTCA	TATATCCTGC
447851	C'TTGACAAAA	GGTAACAAAG	CACTCGAAAG	AAGATCTGGA	T'TTCCCTCAC
447901	AATAAACATT	TCCTTGCTTA	TCTAGATTAG	ATCTTACCCA	GAAGCTCTAC
447951	AGCAGAGCTC	TTTTCAAGAA	GGATCCACCA	GTGTTGCCAG	GGCAGACAGT
448001	GAGAACCTGC	ATTCCCCAAT	CCTGTGATGG	GAACAAACAC	TGTTGGCTGA
448051	GAGAAGAGGT	GAGAAAATGG	CTGTATGATG	GGTAACCAAC	AGCACCTCCC
448101	ACAGATGGCC	TCCCCTAGAC	CTCCCTCCAT	GTCTTCCTTG	CTTTGCCTAG
448151	AATATGATCT	AAAAC'TGGCT	CCCAATGACA	GGCACTGAGA	AGTCTAGGAA
448201	CACTTTTCATG	CATGTTCTTA	TAGGACTGTT	TCCTGAGTGC	TCCTGTCAAG
448251	GGAATATTCT	ATATTAACCA	TCACAGTAGG	TTGTCTTATT	TGGAGACAGA
448301	TAGTTATAT	AGGCAATTAA	GTAAAAAATG	GGTTCGTTGG	CATGTGCTCT
448351	TTAATTTAGC	ACAGGCTTTA	TAAACCGAAG	TTTGGACAGA	AACACCCACA
448401	G'TTGAAAGCC	CATATCAAAA	CACAAGAAGA	TAATCCTGTA	TACATACCCA
448451	AGAGAGAAGT	CTCAAAAACC	CCTCCCTTAC	AGCCCTTTAG	GGAATCAACC
448501	CAACCATGTT	TGGGGGTTTT	GTTGGTGATG	GTTTGATCGT	TTTCCCAGGT
448551	CGCCTTGATT	TTGTGATCTT	CCTGTCTCTC	CCCCCCCCC	CCCAATACAG
448601	AGTTAT'TGTC	TTGAAACATC	ATGCTTAGTT	TCTATAAATA	TCTTGATCTT
448651	ACATCTCCAG	TTTGCAGAAA	AATTTGCTTA	AACCGCCAAG	ATTCTAAACT
448701	AAGATTG'TGC	GGTCTTTTCC	TTCACTCGGA	GACTCACCTC	GGTTCCAGAG
448751	AGAAAGTTAC	AGTGGCACTC	CAACAAGCCT	GGGAATTTGG	AAGCATGAGG
448801	CTGGGTGGCA	GGGAACCTTAG	CGAGCCGGGT	GGAGAGATTT	CAGAGCTCTG
448851	GGTCAGAGAG	TCTGCCAGGC	TGAGAACAGG	CTGCACAAC	AGCATCCTAA
448901	TACATAAGGT	ATCCTAAGTT	ATAAATCCTC	CAGTAGCTGA	TCCCGGTGGA
448951	TCCACCACCT	GAACCAGGGG	CCTTCACTAC	CTACATTTTG	CCCTCCCACT
449001	TACTCTCCCA	TCCAAAAAGC	AAGCATCCTT	CTCCTGCTTC	TCCTCTTCCT
449051	CCCTCCGACC	TGGAAGT'TCT	TCCTACTCGA	CCAGTGAAGG	TTCTTGAATA
449101	TCTTTTATTCA	TGAGGAGAAA	GTTTACCTGC	AGTCACCTGA	GTATGCAATT
449151	CACTCCTCAT	CCCATACAAG	TCCTCTTTGG	GGAAGCAGAA	TTAGCATCAA
449201	AATACCAACA	GCACCAGGGC	AATCCACAAT	ATTGTAACCA	TGATGCTGAA
449251	AAGCTAAGAA	CCTTAGCTGC	CTCCTTAGCT	GCCTCCTTGG	TGCAATATG
449301	GAAAAAGACA	AGTAAAGAAA	TCAAATCACC	CATCTTTGAG	ATCTAGACTT
449351	CTTTCTATTT	GTTCTGTTAC	TTAAAAAATA	AAAAAAGTTC	CCCAAAATACT
449401	TCCATGTTGA	CAGCACCATT	CTATAGCCCC	GGGTCTTGGG	TTGAACAAAG
449451	AGAAGAAGCT	GAGATGAACA	TCAACATTGT	ATTTACATTC	TGGGGAAGGA
449501	TGCAGTGTGA	CCAGCTGCCT	TGCATTCTCT	TTGAATGCC	GCCCCACCAC
449551	AATGTTCTGT	GTCCTCTCAA	CTTCTAAGTC	AGTGT'TTCTC	AGCCTTCCCG
449601	ACCCTGTGAC	CCTTTAATAC	AGCTCCTCAC	GTTGTGCTGA	CCCCCAACCA
449651	TAGAA'TTTGT	TTCATTGCTG	CTTCATAACT	GTAATTTTGC	CTTGTAGTTG
449701	TAGTATAAAT	ATCTGACATG	CAGGATATGC	CAAAGGGGTC	GAAACCCGCA
449751	GGCTGAGTAA	AACTGCTCTA	AGCCGGTATA	AACTCTCCTC	CTTCAAGCTG
449801	TCGTTATCGG	G'TATTTAGTC	CTAACAGTGA	GGAAAATAAT	AAACAGGGGT
449851	CCTTAGGATT	TCACAAAATG	AGTCTTGGAA	AAACAATTC	AACCTTTGAA
449901	TCACGTCAGA	CCAAGAACTT	CTTTCCTCTG	AATAGAGGAA	GCTCTCATTA
449951	ATCTTTATGG	AGGGAATCAA	TATGCAAATA	TCCACCATTT	TAT'TACCAAC
450001	TTCATTATCT	CTAGCCACTG	GAAATGTTTA	GCAGTCATGT	CTGCACATCC
450051	ACAGGTTACT	AAGCTGATAT	CAAGGATGAT	GCCGTGAAAA	TGTATGAAGC
450101	T'TCCAAGGGC	CATTTGAGTA	ATTGGACAAG	ATTATTACGA	AGCTCGGTGT
450151	AATTTT'AGTG	GTGAGTCTAT	TTCATTGTGT	TTTGCTAATA	TAAAAGTCAG
450201	TCATTGATAA	ATGGGATTTA	TGTTAACCAC	CAAATATTTG	CAATGCTTGT
450251	TTCTACTCTA	GACCAAAGGA	ACGTAGGGGT	TTAAGTGCCA	GGCCCCAAAA
450301	TAGGAGTTCA	GTAACATAGA	ATAGAAATAG	GCAAAAGTGA	ATGGGGCCAA
450351	AGGAGAGCAC	ATGCGCTTAC	TGTGGGAGCC	TTTGCAACTG	CTTAGTGTAG
450401	CATGAAATTG	TATTTAAATG	TGCATGCGAC	CCCACAGTGA	TGAAACCAAT
450451	ACC'TCAGAGG	CTGGCTGACA	CCAGTTTAGA	AGACAAAAGA	GCGGGCCTTA
450501	AATAAAATGC	CAGCATTTCC	ACTCGGGCCA	TCTGTAGAGC	TCAGTGGTCC
450551	GCCGCATCGT	TTGGTGCCCT	CACCATGAGT	TCTGATGTTT	TCAAGGTGCT
450601	TCTCACAGCC	AACGCCAGAA	AAGCCTTTAG	CACCATGGAA	ACAT'TGCTTG
450651	GTACAGGCTG	TGCTTGAGGT	ATGTTGGTGCA	AACACCAAGT	TCTCCACCCG
450701	AGAAGAACAC	AGAATGTCTG	CTGGGGTACC	CATCTCCAGG	GCCCCCTTGC

450751	CTTTTCTCCG	AAGACCTCAT	TTCTGTTC	CTGAGCCCCT	TGCCACAGCA
450801	GGCTCTAGAG	TGGTGGCTAA	AAGAGGTGGC	TTTCTGGAGT	CGAATCCAGG
450851	CTTACCACC	TGTAGACGGA	GTCATTAAGG	ACAACTCTCT	ATGTGTAAAA
450901	TGTGGATGGC	TTTCATGGCT	ATTTTGTAGG	TGTGTGGTGA	AAATTATGCA
450951	AGTAAAATGT	AGGGAGACCT	CTTAATGCAA	TGCTTGATGT	ATCTAAGCAT
451001	TTGGTAACAT	TAGCGGTCAT	GAGCGGTAAC	ATATCCAGGC	ATTGTGAGAA
451051	TGTTTGGGAG	CTTGTGTGCA	TGTGCCTGCT	TGTGTGTGAA	ACAAAATGAG
451101	TGCATGGTAG	AGGTCAAGCT	AACCAAGGTC	TCTCTCCAGC	TTAGATGAAG
451151	AATATCATTC	ATTCATAATG	GTTCCATTTT	ATAAGTTGGC	ATTCTATTAA
451201	GAATTAGATA	TATAGATATA	GATATGGATA	GAATTTTAAAC	TTTGCCTTTT
451251	ATCACTGAGG	TTATAAAACA	TGAATTGGTC	TCCTTTCTTG	ATTAAAATTA
451301	TCATAAGTTT	ATTATGTGAT	TCTATCCCCCT	GAATGTTCCCT	GGGATGTGTG
451351	GCTCCTGTAC	TGTGTAGTCT	CAAACCTGCCC	TGTCTGCCTA	TAGCCCTTGG
451401	ACTGTTGTCT	GCCTGTGTTT	GTCCCTTGGG	CTGCTGTCTG	CCTGTGCCCT
451451	TTAGACTGCT	ATCTGCCTGT	GTCTCTTGGA	CTGTCTGTCT	CCTGTGTCTG
451501	TCTCTTGGAC	AGCAGTCAGC	CTGTGTCTGT	ATCTTGGACT	GTTATCTGCC
451551	TGTTTCTCTT	GGACTGTTGT	CTGCCTGTGT	CTGTCTCTTG	AACTGCCGTC
451601	TGTCTATATC	TCAGACTGCT	GTTGGCTCCT	CTGCTGTGAC	TTGTCACTGC
451651	TGATAAATTAC	TCCCTTCATAG	AACAGTCAGT	AGCTGAGTCA	AGTGTGCATC
451701	CTCACCCCTT	CCTCCTTTTGA	GTAAAAAACA	ATTAGTCTCT	GTGGAGCACT
451751	CTTTTGACTC	AGCATAAAGT	TCTGTAGTCT	AAACAGGTAT	GATGCAAAAT
451801	CATGAGCGTT	TACCTAATTG	ACAAAAAAT	AATACACTCA	AAGCATGAGC
451851	TAACACTCTT	TTCATTAAAGT	GACTTGGCTT	CCAGAAAGTT	CTAGAAAGCT
451901	GACGGTGAAC	CCAGAAACCA	GTCAGAACAA	AGGAAATGAA	GCTAGAGACA
451951	CTATATTTTT	TCCTCTTCAT	CCAAGGCATG	GATGCCACTC	AGTTTCTCTG
452001	GGAACACCCA	GTTTTGAAGC	TGAAAGGTGG	CTCGGCCATG	TACTCTAACA
452051	GGATTCAAAT	CCCAGCACTC	AGAGTGGGTA	GCTACAAACA	CCACTGCCAA
452101	GGGATCTGAT	GTCCTATTCT	GGCCTCCATA	AACACATACA	CACTAAATAA
452151	AGTCAAATAA	TTTTTAAACC	CATATCAACA	CTGAGTGTCT	CCATGCCAGA
452201	AGCATCAGAA	TGAGCTCTGA	GTCTGTCTGG	ACCATTAATA	CTAGAGATCC
452251	AGGGGTTCAC	ATGAGTCAAG	GTTAAATGTG	CATTGAGGTG	GATTTTCCTC
452301	TCTAAATGTA	AATGAAACAG	TGGGCAAATT	GTATTCAGCA	AAATGCCAGA
452351	TATTGCAGTC	TGTGCAGGTT	CTTTAATGCA	CAATCTTTTC	TATTTATTTT
452401	ACTTTTTTACA	ACACTTTAAA	ATTATAAGAA	TTTTAACCCT	AGGGACAAAA
452451	TTGGTGCAAT	CTGGCTTATA	GCTGTTGTTT	GCTGGTCCAA	GCCTTACTTA
452501	GAACCTAAG	ATCTGAGTCC	TGAACCTGCAC	AATGGTGGTG	TACGACTTTA
452551	ATCCAGCAC	TCGGAGGCAG	AGGCAGTTGG	ATCTCAAGTT	TGAGGCCAGC
452601	CAAGGCTCCA	CAGAGACACC	TGGTCTAGCA	GGGTAAGGGT	GGGAGTGAGA
452651	GTCCTGATTT	GCTACCATGA	GCAGTATTA	CTATGTGAGC	AGAAATGAGC
452701	AAAGTGAGCT	CGCCAAGACT	CAGGCTCCTT	ACACTAGAAT	GAGAACTCAG
452751	GATTCTCTGC	ACTGTAGTAC	TGTTATCTGG	GCTGCTCTCT	CCCAGGGCAG
452801	GTCCATGCTG	GCTGGAATTG	GTGCTTGCCG	AGCCACCAGT	AGTCTCCAC
452851	TGAAGCTTTT	GCCTTCTCCA	TGTTCTTCCA	AAGTCATTTT	AGTGTAAAG
452901	TAGGACTGA	AGTGGGAGCT	GGACCTGTCC	CAAGGAGGCC	TGGAGAAACA
452951	AGCTGACCTT	CTCCCAACAA	CTAGAACGGG	GCGGGGCTTC	CATGAGAAAT
453001	GTTCTTTTGC	CACAGGATAC	CACACTTCCA	TGGTAACAAA	TATGGAAGAT
453051	ACCTAGAGGA	CATGGGAGTA	GAGACAACCT	GTCGACCTCA	GTATACTGCA
453101	GCATAACCCT	GTTTAAAAAA	TTAGCTCCTC	TCCTGAACACA	GCCTGAAGGG
453151	AAAGACCACA	ACAGTGATAT	CATTGACCAG	AAGACAGAAAT	GGGTGCAAAA
453201	TGAGGCCTGA	GGGGAGCCAC	CAACAGGAAG	ACAGAAAACA	GGTGTGGCTA
453251	CTGCACCTTA	GCTTTGGCTG	TTGGGAGGTA	GCCTCGCCAC	TCCTAGGCAC
453301	TGGCGCCAGC	TCCTCCCATT	GTGTGTGGG	AAATGTGTGG	ACTTTCCCTA
453351	CCCCAAATCA	AGGCAGTCAT	ATCTGTCTCC	AGGACCTTTC	CAGACTTCAG
453401	CCTGAGCAGT	CTTTGCTGGC	TGACAGGAGC	AGCTTGCTTT	TCCAATCTCC
453451	TGGGCTTGAA	GTGAGAGAGA	AGTGGATTGT	GTTTCACTTG	TTATGCTTGT
453501	GCAGCCTAAG	AAATGGGCAG	GGGCATGCAC	AAAAGCCTGA	ACACACAGTG
453551	AAAGCAGCCC	CTTCCTTCAG	GGGCATGACT	GAAACAAAGT	CACAGCCTTC
453601	ATTGCCTCAC	ACTTTAGAAA	TACTCCTAAT	TACCTAGTTA	TGCATGGTTA
453651	AGCAACATCA	TTGTACTAGC	TGGTTTTGTG	TGTCAACTTG	ACACAGGCTA
453701	GAGTTATCAC	AGAGAATGGA	GCTTTGGTTG	GGAAAATGCC	TCCATGAGAT
453751	CCAGCTGTGG	GGCATTTCCT	CAATTAGTGA	TCAAGGGGGA	TGGGTCCCTT
453801	GTAGATGGTG	CTATCCCTGG	GCTGGTAGCC	TTGCTTAAGA	AAGCAAGCTG

453851	AGCAAAGCCA	GTGGAAGCAA	GCCAGTAAGT	AACATCCCTC	TATGACCTCT
453901	GCATCAGCTC	CTGCTTCTCTG	ACCTGCTTGA	GTTCCAGTCC	TGACCGCCTT
453951	TGGTGATCAA	CAGCAATGTG	GGAAAGTGTA	GCTGAATAAA	CACTTTCCTC
454001	CCCAACTTGC	TTCTTGGTCA	TGATGTTTGT	GCAGACTAAG	ACAATCATTA
454051	ACTGTATTAT	GTGTCTAACT	TCCATGAGTA	GAATTGTATG	ATTTTTATCT
454101	ATATAAACCT	GGCCTCTTTG	AATATCAAAT	CTTATAAGGT	ACTGTCTTAG
454151	GGTITATTG	CTGTGAAGAG	ACACCATGAC	CAAGGCAACT	CTTATAAAGG
454201	ACAACATTTA	ATTGGGGCTA	GCTTACAGGT	TCAGAGGTTT	AGTTCATTAT
454251	CATCATGGCA	GTGTACAAGC	CGTTTTGGTG	CTGGAGAAAG	AGCTGAGAGT
454301	TCTGCATCTT	CATCTGAAGA	AGGCAGTCAG	AAAGTGACTA	TTTTCTCTAA
454351	GCAGCCAGGA	GGAGGGTCTC	TTGTCCACAC	CGGAAGGAGC	TTGAGCATAG
454401	GACCTCAAAG	CCCACCCACA	CCGTGATGGA	CTTCTTCCAG	CAAGGCTACG
454451	CCTACTCCAG	CAAGACCACA	CTTCTTAATA	GTGCCACTTC	CCATGGGTCA
454501	AGCATACTCA	AACCACCACA	GGTACCTTAC	CTGTTGGAGC	CTGACACAGG
454551	CCTGGTTGAC	TTTTCATTGCC	ATACAGAGTT	CTGCCATTTG	AACAAACCCT
454601	GATAACTTCC	CTCTCTACTG	TTAACAGACA	TTTGAGTTAT	TTCTACCCTG
454651	GGGCAATTGC	AAACACTTCA	GCTGTGTGGC	TTTTTTAAAT	CTTATAGCCF
454701	GATGATATCA	GCTCCCATTT	CTCAAGTTTT	CCAGGCGTGA	AATTTGTGGC
454751	GGAAATCCTG	TGTGGCCTTC	CTTATGCAAA	GTGTCTTTTA	TTCTGCACCT
454801	GTCTTTTCT	GGCAGTGGCC	TCTACTTGAC	TCTCACAATA	AGAAATAAGA
454851	AAGCTGTTTT	TCAAAAAAAA	TTTTTTTTTA	TCACCAATTG	CCTTTTAGTT
454901	AGGGTTTTTA	TTACTACAAT	GAAACACAGT	GTCCAAAAGG	CAAGTTTCAG
454951	AGGAAATGAT	TTATTTGCCT	TCTTTTCCA	TACGGTTGCG	CATCATCGAA
455001	GAAGTCAGGA	CAGGGGCTCA	AACAGGGTAG	GAAGCTGGAA	GCAGGAGCTG
455051	ATGCAAAGGC	CACAGAGAGA	TGCTGCTTAC	TGGCTTGCTT	CTCATGCTTT
455101	GCTCAGCCTG	CTTCTTAAA	GAAGTGAGGA	CCTCCAGCGC	AGGGATGGCA
455151	CCTCCAACCA	TAGGCTTGGC	CCTCCCCCAT	CAATCACTAA	CTAAGGAAAT
455201	GCCTTATAGC	TGCATTTTTAT	GGAGGCACTT	GCTCAAAGTT	ATCTCCTCTC
455251	TGATGACTCT	AGCTTTTGCC	AAGCTGACAT	AAGGCTAGTC	ACCTCAACTG
455301	ACTGCTTGTT	AATTTGACAC	ACACATTTGGT	ATTAAGCCAC	AGTCCTTCCF
455351	TTCTCGTCTG	TCCCCAGGAT	CTCACATTAA	AATTGTATTT	TTTACAAATT
455401	CAAATACATT	AACGTTCTGG	TCCCTTTTAA	ATAGACAATG	TCTTTTTTTT
455451	TTAATTTGAA	TCTTTTCAGC	TGTGGCCTCC	TATAAAAATC	AAAATTAAAT
455501	TAAATTAATT	TTTCAAGAGG	GAAGAACCAG	GAGACAGCCA	CAGTCTGAAC
455551	AAAGCAAAAC	CAAAC'TCCAA	CAGTGCGAAT	AACACTGTAT	CCAATTATCT
455601	GGGATTCAAT	CACAATCCTT	TGGGCTCCTC	CAAAGGGCTT	GAATCACTTC
455651	TCCAGCTCTG	CCCTCTGTAG	CACACACAGC	TTGTCTTCTA	GGCTCTAGCT
455701	GGCTCCACTC	TCGCCTGCTG	CTGCTGTTCT	TGGTGGTGAT	TCCATGGCAC
455751	TGGCATCTCC	AAAAGTGTG	GTGTCTCTTG	CTGCAACTGG	GCTGTACTTT
455801	CACCAATCGC	CTCTCATAGG	CTCTCATCGC	GGTACTAAGC	TTCAACTTCT
455851	ATGCAAGACC	CCTTCCATCC	TGGGCCTTCA	ACTGCTACTG	ATGCTGCTTC
455901	TTTACCAGTG	GCCTCTCCTC	GCTTCTCACG	GGGCCAAGCC	TCAGCTGCTT
455951	TCCAAGACCC	CTCTTCATGC	CTTCAAACCC	AGCACCACCT	AGGTGACTCT
456001	ACCAAGTCCA	GCTGCCAGCT	TGAGGTCCAG	CCTTGGCCAC	CTCTGGAACA
456051	CAGCTTCTGT	GTGCTAACCC	TAAGGAACA	CTTCCCAGGA	GACTTCTGGT
456101	CTTTCTTAG	TCGCCCCCTCA	TTTCTTATTC	CTAGCTAACC	TGCATCATTT
456151	GTCCCAGTGG	TTTCACTTCC	ATGGTGTGG	TCTCCTGTTA	ATCACAGTTG
456201	ACTCTTCAGC	CCCAGCTAAC	CAGAACTACA	GAATCTTAAT	TAAAATAACA
456251	AAAATCCCTG	ATAGAGTCTT	TAATCTTCCC	TCTGAAACTA	CACAAGCCAA
456301	GCCTCCATCT	CTTGCAGTGC	TCTCAACATT	TTTATCGTCA	AAGCCCCATA
456351	AGAACAACCC	ACTGATCTCT	TCTAGCTCAA	AATTTCCAAAG	TCTTTCCCAA
456401	ACATGGTCAG	GTCTGTACCA	GCAATACTCC	CCACCCCCCA	CCCCCATATA
456451	CTGATATTAA	CTTGTCTCT	TTAGGGTTTG	CATTACTAAA	ATGAAACACC
456501	ATGACTAAAA	ATCATGTTGG	GGAGTGTGGT	GGTTTGAATA	TGCTTGGCAC
456551	AGGGCATGTC	ACTATTAAGA	GGAGTAGCCT	TGTCAAAGTG	GGTGTGGTCT
456601	TGTCAGAGTG	GGTGTGGTCT	TGTTAGAGGA	ATTGTGTCAC	TGTAGGAGTG
456651	GACTTTGAGA	GCTTCCTCCT	AGCTGCCTGA	GGATTCCAGA	CTGCCTTTGG
456701	ATCAAGTTT	AGAAGTCTTG	GCTTCTTCTC	CAGCACCATG	TCTGCCTGGA
456751	CGTAGCCATG	CTTCCTGCCA	TGATGATAAT	GGACTGAACC	TCTGAACCTT
456801	TAAGTCAGCC	CCAATTAAAT	GTTTCCTTTG	TAAGAGCTGC	CTTGGTTCATG
456851	GTGTCTCTTC	ACACCAATAG	AAACCCTAAA	TAAGATAGGG	AGAAAAGGGT
456901	TTATTTGGCT	TACACTTCTA	TTATAGCACA	GTACACAGAA	TCATAATTTT

456951	AACAAATTTA	ATAAGCATCT	ACTTGTGTTA	GGTGCTGGGC	TGGCAGCAA'
457001	GAAGAAAATA	AACAAGTATT	TC'AAATTTTA	ATCAGTTGGT	AATAT'TAATA
457051	AGAGATAAT'	ACAAGTAACA	TAATTTTGT	TATTAATTAT	TTG'TTTTAAG
457101	ACAGTGTAC	ATAGCTGAGG	ATTACCCTGA	ACTTCTGATC	CTCCTGCC'TC
457151	TACTT'CCCAA	GTGCTAGAAT	TACACGTGTG	TTCAC'AAATC	CTGGT'TTATG
457201	GACACTGGGG	ATCGAACTCA	GGGCCTCATG	TATGCTAGAC	AAGCACTCTG
457251	CCAACTGAGC	TACATCCCCA	GCCCAATAAT	ACCTTAT'TAA	AAAGACACCA
457301	GGTATGAACC	AGATGGGTTG	GCTCACACCT	AATAATCCCT	AAACCCTGGA
457351	TACTGAGGCA	GGAAAACTCT	GAGTCCGAGG	CCAGCCAAGG	CTGCAGGGTA
457401	AGAATATCTC	AAGTTGTGTG	CTCAAAAGAT	AAGTTT'TCCA	GATACAGAAT
457451	ACGTACAGAG	CTCCTACAGC	TT'AAAGCCGT	AACAAACATT	ACCCACAGC
457501	CTGACCTCAA	AATGCTGGGT	CTGTGGT'TCG	GTGGCGAAGG	AGGCTCACCT
457551	GGCATCATGT	GATCCTAGGT	TCAAAGCC'TA	GCACTACAAA	AACACAAACG
457601	AAAAACAAAC	AAACAAAACC	CTAAACCTAA	AAACAGGCAA	AGGGCTTAGA
457651	CAACTCTTCA	AAGAAGGTTT	CCTAACACTC	ACAAGCACAG	AAAAATATAT
457701	CCATTTCCAC	TAATCAT'CA	AGGAAACAAA	CGAAAAATTAT	CCTGAGCCAC
457751	CATATCACAA	CTATTAGGAT	GGCCGCGGAT	TAACAAGTAC	TCCCGGGGAT
457801	GATGGGAAAC	AGAACCCTGT	ATACTATTAT	TCAGACCTTG	AAACATTACC
457851	ACTGCTATGG	GGGACAAAAT	GGCAGT'TCCT	CAAAAAAAAA	AAACAAAAAA
457901	AAAACCGGAA	ACAAAGTTAC	CTCATGTCCA	AGTA'TTCCAC	TTCTAGTAAG
457951	GACTCCAAGA	TCTAAAAGTG	GGATCTTAAG	GAAGTATGTG	TATACGTTAG
458001	TGTGATGGCT	TGAA'TATGCA	TGGCCACAGG	AGTGGTACTA	TTAGAGGTG
458051	TGGCCTTTTG	GGAGGAAGTG	TGTCACTGTA	GGTGTGGGCT	TTGAGACTCT
458101	CCTCCTAGCC	ACATGGAGCC	AGTCTTCTCC	TCTTTGACTT	TGGAACAAGA
458151	TGTAGAAC'TC	CCAGCTCCTC	CAGCACCAAG	TCTGCCTGGA	TACTGTCCGTG
458201	CTTCTACCTT	GATGATGATG	GACTGAACCT	CTGAGAACTG	TAAGCCAGCC
458251	CCAATGAAAT	GTCCTTTATA	AAAGTTGCTT	TGGT'CATGTT	GTCTCTTCAC
458301	AGCAATAAAA	CCCTAACTAA	GACACTGTGC	TTACAGCAGC	ATTGCTCGCA
458351	ACTGTCAAAG	GTAGAAGCAA	CCCAGTCCCT	AAAGGGATGG	AAACAT'GAGC
458401	TAAGTTTGGT	ATATGCATAT	GATGCAGTAT	TATTCAGCCA	CGAAACCGAA
458451	ATAGTGTGCC	TCATCTGAGT	GAATCTTGAG	GACAATATGC	CAAGTGAGCT
458501	AAGCCAGCCC	CTAAAAGGCA	AATATTGTAT	CCACTTAACA	TGAACAGTCA
458551	ACATTT'CAGA	GACAGAGAAT	GGATACAATG	AGATCT'TCCA	GAGGGTGGGG
458601	GAGAGGTTAT	TGTTTTGTAG	GTGTAGAGTG	TCTGTTCTTC	AAGATGGAAA
458651	GAGGCTTGGA	GAAGGGTGGT	AACCATTGTT	GTAAATCCAC	TTATTTCACT
458701	GAACTGTGTA	CTGCAAAGCT	GT'TAAAGTGG	CGTCACCTGC	GTTTTACTAC
458751	AGTTT'TTCAA	GACCTTGTAG	GATAGATGGA	AATGGGGATA	GATACAAGTT
458801	AGATATCATT	GCATATAGAT	AAGTGGCATA	CATATATCAG	CTAGACAAAT
458851	CAGATAGAGA	GGGCAAGCAG	T'TTTACATGG	GGTGACCCAC	AGAGATG'TTT
458901	TAGCTACTGT	CTCCCTATAC	CCAAATATCT	GACAAGCAGT	AATCCAAGGA
458951	AGGAAGGGTT	TGTTTGGGCT	CACAGT'TTAA	GGGCGTAGTC	ATCCACACCA
459001	GTGAAGGTAC	AGAGGCAAGA	GCATCACTAG	ATGCTCAGGA	CCACAGACAG
459051	GAAGCGGAGA	TGAAGGCTGG	CACCTGGCTC	ACT'TCCTCGT	TTTCTCT'TTC
459101	TTACTCGCTT	TGAAACCCAA	GACCA'TGGGA	TGGTGCCACC	ACATCCAGGG
459151	CAGGTCC'TTC	CTCAGT'TAAA	CCGCTCTAGA	AATGCCCTCA	CTAACATATC
459201	CAGAGAGGTA	CCTCTCAGGC	TACTCCAAAT	TCGGTCAAAC	TGAAGCTGAC
459251	CCATCACGGG	ATGCATGCTT	GGAAAGGAGA	CAT'TTGAGCA	CAAGCCTAGA
459301	GGAAGGAGGA	T'TTGGGGGTG	GGAT'GGTGGC	CTGGGCTCTG	AAGGAGAAGC
459351	CTGTCCAGGA	TATCAATGGG	CTGGAACAGA	GCTAATAAAG	ACCAAATAAG
459401	ATCAAAATAC	AGCAGGGAGA	AGCAGAGGGA	GGACCTGTCTG	GGCAGCCCTG
459451	CGCTGAGCTG	TGAGTGTGTG	GGCGTCTGTC	TGCTCCAAGT	GCAACACAAA
459501	TCACAATGT'C	TCTGAACTAT	AGAGTCTTTG	ATGACCAAAT	AACAACACCT
459551	GACCCTACAT	ATCACAAAGG	T'TTCATGAAG	GAAGATCATG	TTAGAGAAAT
459601	TACATGAATA	TAAGATGGAG	TAGGCACAGA	TTACAATAAA	AATGACA'TGC
459651	AAAGGCATAT	ACCACAATCC	CAGGCATATT	CTACTA'TATC	CCATTGTGTG
459701	GTTTGTGGAC	CTCCTTCTGT	ACTTTCCTAA	GAAATACTGT	CCTTGGACCT
459751	GGTATCAGCC	CTGTCTAGCC	CATCTCCACC	ATCCAAGACA	TCCCTATGTC
459801	CAACAGAGTT	TGGAGCCAGC	CATCCCAGAG	TTAACTCTGA	TAAAAAATTA
459851	ATAATGTCAC	CAGACCC'TC	ACCTTCAGAG	AGGTGCTAAC	TTCTAATACA
459901	CATGAGGGAC	TGGACTTACA	ATGTCTGACT	CCTCCCAATG	ATTGAATAGG
459951	ACATTCAATC	CATGAAGACA	GCTGAGT'TAG	GCCACCTATC	AAAAAT'TTGA
460001	ATAGGTGATG	TAAAT'TTTTA	CACGTGCCCC	T'TCTGAAGAG	ACATCT'TTAA

460051	TATGGAGGTC	AATTTCTTAAT	GTTCTTTTCCT	CGTCTCGACT	CCGATTCCGG
460101	CAGAACACTC	ACCCTTGGCA	TCTCTCGGTA	CTTTTGATAAA	TGGCACAAAA
460151	CAGAGGGCTC	GCCGCTTTT	TGGCTGCATT	TCAGCCCTTC	CCCCCGCCCC
460201	CCACCATTCC	ATCACGAGAG	CCAAATGAGC	TACCACACCT	GCAGCACTGA
460251	TCTCACAGTG	TCCGGCACGG	GTCCAGAGGA	CAGTCCGTCC	TAGTGGCGAG
460301	CAGGCTTTCA	AGTTCTTGAT	GCAGGCCTCA	GATAGTTCCA	CACAGCAGAT
460351	GGGAACGTTG	AGTTTCTAAA	CCCTCTGCCT	GCCATCTACT	TAATTCAGAT
460401	AATAGGCCCTG	CCAGATGGCT	ACCCGGTCCT	AAAGTTTITAG	CTGGGCAATTI
460451	CTCCATCCCC	TCCGGAGACA	ATAAGCGTGG	ACACACGGGT	GCTCCAGAGA
460501	CCATTGGAAA	GAGCTGGGAA	TGTGGCAGGG	GAAGAGGTCA	GAGGATATCC
460551	AAGGATACCA	GCAGCTACCA	GCCATTTGCC	AGAGACTTCA	CTGCAAGGGA
460601	ATACACTCAC	ACTTAGAGTC	AAGTGCTGTC	CCTGCAAAGG	AGCAACCTAG
460651	AGTCACCCCT	ACAGTGGGTA	TCCTGCTGTC	TCCTAGGGTT	ACCTTTACAG
460701	CGGTGTCCCA	TTGTCTATTA	TGGTCACTCT	TACAGTGGGT	ATCCATTGGC
460751	CCCTAGGGTT	ACCCTTACAG	TGGGTGTCCC	ATTTTCTACC	AGAGTCACCC
460801	TTACAACATG	TGTCCCAGTG	GCCCCTAGGG	ATCACCCCTTA	CAGCAGGTGT
460851	CCCATTGTCT	ACTAGGGTCA	CCCTTACAGT	AAGTATCCCA	TTAGCCCCCA
460901	GGGTCACCCCT	TATAGCAGGT	GTCCCATTGG	CCTCTAGGAT	CACCCTTACA
460951	GTAAATATCC	CATTAGCCCC	TAGGGTCACC	CTTACAGCAG	GTGTCCCATTT
461001	GGCCTCTAGG	ATCACCCCTTA	CAGTGGGTGT	CCCATTGGCC	CCTAGGGCCA
461051	CCCTTACAGT	GGTTGTCCAG	TTGGCCTCTA	AGGTCACCCCT	TATAGTGGGG
461101	TGTCACCCCTT	TCAGTGGGTG	TCCCATTGGC	TCTTAGGGAT	TGGCCCATGG
461151	AACTTAGCTG	GAACAGAGAT	GCTGCAGGCA	AAGTGCTCTGA	GGTGATCTCA
461201	GGAAAGCATC	AATCACCCCTT	TTACCCAGGA	GATAAACTTTI	GAGAAAGGCT
461251	TGGACTACAG	TGTTTATATC	AAGGCTACCT	CTACACCCCG	GGGCAGGACA
461301	CCCTGACAGA	CAGCCCGTTT	ACATCACTAC	TTGTCTCTGT	TACTGTTTTA
461351	GTGTCCATTC	TGGAATGCCC	TTCTATGCCC	TCCCTCTGCT	TACCCATCTT
461401	CCTCACAGAT	CACCCCTTCC	AGGCAGTCTT	CCCAGACCAC	TCAAGACCTC
461451	ACTTGCCCTCC	CACCTCTCCA	AAAGCTCCGA	AGAATCATCT	TCCTTGCACT
461501	GATCTATGCA	CGTGACTCTC	ACGCCCTCTG	TTCAGTTTGA	TGGCAGGCCCT
461551	GGCACCACAC	CTGGCTGCCC	TTGCTTATCC	AACCTCATTT	CCTAACCCAC
461601	CGTAGAACCA	CAGTGGGTGC	CTGCTGTCTC	GTTAGCATAA	GTTGGGACAT
461651	GCAGTCTTTA	AAAACATAAGT	TGGGTAGTAC	AGTAGAATTG	GTGGAAAAAT
461701	TAAAAATAAG	CTTCCTCTTG	AATGAACGAT	GAGAGGTGAG	CTTTGGGGAC
461751	ATCATTTCTGT	GCCTTTAAAA	AAAAAAAAG	TATAAAATGC	CCCCGACCTC
461801	GGAGGCAGAG	GCAGGCAGAT	CTTTGAGTTT	AAGGCCAGTC	TGGTCTACAG
461851	AGTGAGTTCC	AGGATGGCCA	GGGCTACAGA	GAAACCCTGT	CTCAAAAGAA
461901	CAAAATCAAAA	CAAAAGTACA	AAAGAAAGGG	AGAAATCAGA	TGCAGGTTGC
461951	AAGTTCCCTGG	TGACATCAGC	TTTGGCAGGC	CCTGATGGAA	AGTGACCCTG
462001	CCAGAGCCCT	GCTCCCCCAT	TCAGTTGGAA	CACTTTCCAC	TAACGGTATT
462051	AATCTGGCCT	TCAGTCTGAG	GCAGAGCTGC	CTGGGCCAAG	CCCTCCTGCT
462101	TCAGTCCAAG	TGATGAATCA	GCCCCATCTC	CTAATGCCCC	CTAAGAAITAG
462151	AAGAATCGGC	GGAGGAAGAG	AGAGGCACAG	GGCACCATGC	ACACCCTCAG
462201	ATGGACAATA	GAAATGACGG	AGGCCAAGAC	CTTCGGTCTC	TTTCCATCTC
462251	TGGGAAGCCIT	TTCCATTAAA	AACATTTTCT	TCTTCTGTTA	CATCCATGTT
462301	TTTCTCTTTT	GGTTTCTCT	TGTCAGCCTC	AGCCAGAGAG	AAACTTCTCA
462351	CTCCCCACCT	CCAACCACGT	ACTAAACACC	GTTTCCTTCC	AAGGGCTTCT
462401	TGGTTATTTT	TTTCTTCAAC	TTACAGCTAG	ATTGCTTGGC	ATCAACCGAG
462451	AAAGCCTAGT	AACACTCTGG	CGTTCCAAAA	GCAGCCGAGA	AGATCAGAAG
462501	TATCCGCCGC	ATCTACCTCC	TGGACTCGGC	ACGATCAAAC	GCTACGCTCT
462551	CTGAGAAGAC	ATTGGGAGTA	GTAGAAATGT	TAAGTTTGT	TTTTCTTTTT
462601	TCTTTCTTTT	TTTTTTTIT	TAATTTTAAA	AAACCTAAAA	AGACACCTTA
462651	AAGGAAGCAA	AAGACAGACA	CAGCCAAGAA	GCAAGCAAAT	CTGATATTCT
462701	CTGAGCTGAA	AAACAAGAGC	CAAGGGAATT	CTATTCTTAG	CAGAGACTTA
462751	GCCAGCTCCA	TTCTCCAGGG	GTGGGGTGGG	TTGCAAAGAA	GGCTACAGTG
462801	CCCTCTGTCT	GGGACCTGTC	AGCATGTAGC	CTGGGGGCTT	GGATTTCATT
462851	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCCCTCTC
462901	TCTCTCCCTC	CCTCCCTCCC	TCTCTCTCTC	TCTCTCCCTC	CCTCCCTGTC
462951	TCTCTCTCCC	TCTCTCTGTT	TTTTTTCTGT	TCTCTCTCAT	ATATTCTTCT
463001	TTTTTTCTCT	CTTCCAAATG	GAGTTTATTT	GTTTAAACAGT	CCTGGAACCT
463051	AA'TCCACAGA	CCAGGCTAGC	CTTGAAC'TCA	CAGAGATCCA	CTTGCCTGTC
463101	TCTGTAIT'PCC	TCATGCTGGG	ACCAAAGGCG	TATGCTACCA	CACCTGGCTT



463151	AGCTAAGGTT	TTTCATTTCAT	GGTTTTTTTGT	TAGTCAITGT	ACAACCTTTG
463201	CAATGTCCTGA	TTATCTAAAA	AGAACAIGAG	AGCAGGGAGC	TCAGTTGACT
463251	TCACCACAGT	TGTACAGTTT	GGAAATGGCA	TCAGTAAAGA	TGCTAACTAA
463301	CCCAGGTTCC	CTTTTCTTAG	CCTGTGTCTT	TA'AGTTCTG'	CTTTCCGTAT
463351	CAGATTTATG	TTGTTTTCATG	CTCAAAGGCT	TTGACAGCCA	GATCTGTCTA
463401	ACACAGAGGT	TGGTTCTCAA	AGCTGAACAC	CATAGGCCTC	CTAAAGATGT
463451	GTTCTACTAT	GT'TTGGATAC	ATGTCTCCCA	AAGACTGGCA	TGCTAAAGGC
463501	TTAGTCCCCA	GGCAGTGCTA	TCACTAGGAG	ATGGTGGGAC	CTCTAAGAGG
463551	CAAATTCCTC	TAAAAGAAAG	CTGGGCTTTT	GTGGAATTGC	CTT'AGCCAG
463601	CCTGGCACAA	ACAAAGATCT	TCTAAAAAGA	AGACAGCCTC	ACCTTTCTTT
463651	GGT'ATCACA	CTATGGAAAC	AATGGT'CCCC	AAGGAATTGG	ATCCC'TTGA
463701	GCC'TCTACA	AGATGAAGGA	ACAGGCT'GAA	GCATAGTGCC	AGCCAGAGGA
463751	GGT'TTCATAT	CATCCTGTTA	TCTTATCTAC	CACCT'TGTAA	CGGAGAAAGG
463801	ACCAGAAACA	ATGAGTCTAT	AATGGGACTG	TGACAGAGAG	GATCACACCT
463851	CAGCCAGGGG	CAGCT'TAGTT	ATGCTGATCA	CTG'TAAA'IGT	AATTCCTTAGG
463901	GGGTGTTTGA	CACCCCTTTT	GCTCCCAGGT	AACAACATGG	CATTTCTATG
463951	CCCAC'TTAA	CCCATT'TTAG	CTCCCAAATA	AATGGCACAG	AGACCTGTTA
464001	ATTTTATTAA	TGGGCTGCAA	GCCTTAGCTG	GGCAGGTTCT	GAGCTGTTCT
464051	AAACTGACTA	GGCCACATGG	GCTGTTACTT	GCTATCTGGT	CTTACCCTGG
464101	T'TTACTCCAG	TTCACATGTA	TCCCTCAGGC	TGCTCTCTCA	T'CATGACTCTC
464151	ATGGAGAATT	CTCCTTCTCA	TTGAGTCATG	TCGGGAACCC	T'CTGGTCCC
464201	TTCATATAGT	CTCTCCATCT	CCTCAT'TCTC	TCTACTCTTT	CTTCC'TTGA
464251	CCTCCTGACT	GGGATCCGAA	GTCCCGCCCT	ATTCTCTTCT	GCCCAGCTAA
464301	T'FGGCTAATC	AGCTTTT'TAG	TAACCCCTGA	TCAGAGGTGA	AGAAAAACAA
464351	TTTTTATATA	ACAT'TGAAAT	CAGAGAGCCT	TAACCATGCC	ATTGTCTGGC
464401	TTGCAACCAG	ACATCTAAGC	ATCTGAACAC	ACAGTGCACA	ACACCATTC
464451	CCAGCAGATC	AT'TTGCTCTC	TTAACACTAA	AGCTCTCATC	CAGAGTTGGA
464501	TGTCACCAGA	TCTCT'TTATT	TGTTCC'TCTT	CCCAGTGGGG	CCATTGATTA
464551	CAAGTCACTC	TCTGTATGCC	ACTGCCCTAT	TGAGGGTGGG	TACCTTCTCC
464601	TCTCTGGTTG	CAGCAGCCCT	GGCCAGCTC	TACTAACCA	CTCTGCTAAC
464651	ACACCTTCCA	GAGGAAATGT	GGACTGCTGG	TCTCTCCTCT	TCTTCC'TAGC
464701	ACCTTGACTT	TAGCCCAGTG	AGGCTACCTT	TGAGTATCTG	GCTTCAAGAT
464751	CTCTAGGATG	GTTTTATTTA	AGCCACCAAC	CTTGCAGTGA	TATCT'TTTTC
464801	T'TTTCTTTT	TTAAAAGGCT	TATTTATTTT	ATGTATAAGA	GTACACTGTT
464851	GCTGTCTTCA	GACACACCAG	AAGAGGGCAT	CGGATCCCAT	TACAGATGAT
464901	TGTGAGCCAC	CATGTGGTTC	CTGGGACTTA	AACTCAGGTC	CTCTGGAAGA
464951	ACAGTCAATG	CTCGTAACTG	CTGAGCCATC	TCTCCAGCCC	CTTGTGGTGA
465001	TTTCTTAGAT	CAGCAATAAG	GACAQACACA	GATACTGCAC	AACTTGTTC
465051	TCTACAGCTC	AGT'TTCCCAG	TGCTTGAAT	GAGACACCTA	TATCCACTTC
465101	AATAGGGTAT	GAGTGAGGAC	TAACTGGAAT	AACTATAAAG	T'ACTGTTGT
465151	GGT'TTGGAGA	CATCAAGTGC	TAATAAA'TGG	AGCTGACTCT	TTGGATCATA
465201	AAGAACA'TTC	TTCTTGAAGC	TCAAGAT'TGC	CCACACAGCA	GCTGTGGGTC
465251	AGGACAAGTG	GAGCCAGTG	TGGAGCAGTG	TAAGAAATGG	GTAGAAAGAA
465301	AGGGCTTTGG	CTGTGCCCTG	GTT'TGTTT'T	ACTGGGCACA	TGGTGGGGAT
465351	CAGTCAACGG	TACATTGGTG	AAGGCAGTGG	TAAGAGGGCA	GTGCACAGG
465401	CT'TCCCTGGT	CTTGAGATCT	TTATGCCCTGC	CCGT'TCTGAA	GGCCCCACTT
465451	TATTCACAGC	AATTTGATCC	ACTGTGCTTC	ACTG'TAAAGT	GAACCA'TGAG
465501	ACACCCAAAG	GGGTGAGAAA	TAAGAGTTCC	CCTTCACTTC	ATTTACAAAC
465551	TGAATACAGC	CAGCACATTA	GCTTCTGAGC	CTATGGCACA	GTCTCTGGTT
465601	CTTAAGCAAT	ACCAAGCATA	AAACTGCTTT	CTCTATATTT	CATTGAA'TCG
465651	TGAATATTAC	GAAACACTTT	GGGCAATAAA	CTGTTCTCAG	TTCCCTCATC
465701	TATTAAACAT	GACAGATG'T	CCCTCCTACC	TATGGGGCTG	CTATGAGCCT
465751	TAAATGACGT	CTATGTACCA	AGTGTGGTCA	AATAGTCAGT	ACGTTAGACA
465801	TGTGTCGCAG	ACCCTTTGGG	TCCCTTTGTC	TGCGTGGACA	GGGTCTCTAG
465851	TCCGAGGTGG	GCAAAGAGTC	GGTAGGTGAC	AAATAGACCA	ACAGGTGAGA
465901	TTGTGTAGAA	TCTGAATGTA	TTCTCACAAA	GTGAACATCA	GTCT'ATATA
465951	GTACAGCATA	ATAATCCTCA	ATTTCC'TTTG	TG'TATGCTGG	ACAGCT'TCCT
466001	TGCGGAGCT'I	CAAGAGAAAG	TAATCCACGT	GCGGTGGT'I	GAATGGGAAT
466051	GGCCCCATA	GGCTATAGCA	TCTCATTTGA	ATGCGTAGGA	AGTGGCACTA
466101	T'TAGTGGCCT	TGTTGGAGGA	AGCCTG'TCAC	TAGGGGGTGG	GCTTTGGAGT
466151	TTCAGATGCT	CAAACCAGGC	CCAGTGTCTC	TCTCCCTGCT	ATGGGCAGAC
466201	TCAGATATGG	AACTCTCAGC	TCTTTCTCTA	GCACCAAGTC	TGCC'TGCGTG

466251	CTGCCATGCT	TCCTGCCACG	ATGATAATGA	ACTAACCTCT	GAAGTGTAAAG
466301	CCATCTCCAG	TCAAATGCTT	TCCTTTATAA	GAGTTGTGGT	CATCATGGTA
466351	TCCCTTCACA	AAAACAACAA	CAACAAAACC	CTAAGACATT	GTAGTAGGAG
466401	TCAAAGAGAG	TAACTTAGAG	CCAGCATGTA	CTGAGTACA	ATTGCTATACA
466451	CCAGGAACCT	TTCTGTGAAC	CGTAAATATC	AGGGTAAACA	AGCTGCTTTC
466501	TGAGCTAAGG	TAGAAGAGAC	TTGACAGACT	CCATGTCTTA	GGGTTTCTAG
466551	TGCTCTGAAA	GACACCATGA	CTACGGCAAC	TCTTACAAAG	AAAAACATTT
466601	CATTGGTGGT	GGCTTATAGT	TCCATTATCA	TCACAGCAGG	AAGTATGGTG
466651	GTGCACAGGC	AGACATGGTG	CTGGAGAGGT	GGCTGAGAGC	TCTGCCTACA
466701	GATTTGTAGG	TGGAAGGTCT	TCCTGTGACA	GTGAGCCACT	GAGCCTGGGC
466751	TTGAGCTTTT	GAGACCTCAA	AGCCCATCTC	CTAGTTAACA	CACTTTCTCC
466801	AGTAAAGCCA	CACACAACCT	CAACAAGGCT	ACACTCACCT	CAACAAGGCC
466851	ACACCTACTG	CAACAAGGGT	ACACCCACTG	CAACAAGGCC	ACATCTACTG
466901	CAACAAGGCC	ACATCTACTG	CAACAAGGCT	ACACCCACTG	CAACAAGGCC
466951	ACACCCACCA	CAACAAGGCC	ACATCCCTTA	ATAGTGCCAC	TCTGTATGGG
467001	CCAAGCATTC	AAACATGGTG	AATGGAAACT	GTTCCTACTC	AAACCACCAC
467051	ATTCCATACA	ATGGATTTAG	AGAACACAAT	GAGTGGTATC	TGTGGGAAAG
467101	GCTGTGCCCT	ATCTGGGGTG	GGGGAGGGGT	ATTGGGGAGC	TCATCTCAGA
467151	GGAAATGACA	TCAGCTGGTT	AAACAGTTTC	CCAGATGAAG	CGACAGGGGT
467201	GTGAAGAGGT	TGGGAGGGGA	GTGGCCCTCT	GAAGGCATGA	GATGAAATAT
467251	AAGCATCATT	TTTAAAGAGC	TATGGCATCA	AAGAGAGTAT	GATGACAGGG
467301	GTCAGATCTA	GAAGGTGGCC	CCGGGTCTAG	AAGGTGGAGC	TGGGTCTAAA
467351	AGGTATAGCC	AAGTCTTGAG	GGTGGAAACA	GGTCTAGAAG	GTGGAGCTGG
467401	ATCTAAAAGG	TGGGGCCAGG	TCTAAAAGGT	ATAGCCAAGT	CTAGAGGGTG
467451	GAACCAGGTC	TAGGAGGTGG	GGCCAGGACT	AGAAATGAAA	CTATGAAAGA
467501	TTTAGCTGCT	GAATCAAATG	TCATTCCCTT	AACAGATTTA	CTTAAGCTTG
467551	AGTTGTCAAT	TGTAGCTGCA	TCTGACTGTA	GCTTAATGAC	AACAAGAGCT
467601	GCTACAGGCT	TTAAATGGAG	CAGTTTTATA	ATGTTTGAAC	TACAGAAGCA
467651	GTCACCTCTT	GGAAGTGGTT	GAAGAGGAAC	AAGGTGAAAT	TCAAAATGGT
467701	TTGGGAAATC	GTATAATAAA	TTTTGGTGAT	AAACAGTGGC	AGGGAGAGCC
467751	ATGGTGGTGG	TAAGCAGGAA	TCATCAGGTA	TAGGTCTGTT	GGGATGATGG
467801	CCCTGCAGAA	GCCATGGTTG	GGGAGGAGGG	CGGTTCTAGG	TTGGGTGAAT
467851	GACAGTAGCA	TCCATTAAAT	TGAGAAATAC	AGGAATTGCC	CATTTGAAAG
467901	ACAGGTGATG	GGCTCAACTT	CACATATGTT	GATGTGAATA	CAGTAATGGC
467951	CTAAGGGATA	TCTGTGTGGT	TAGATGCAGT	TGGCAGTTAG	ACAGGACTCT
468001	GGAGTTTTAG	ATGCAGGTTT	GAGTTTAAAG	AGTCATCTGT	CCTTGGTGGG
468051	TTTACCTAAA	ATCATGGGAG	AGGATGAGAC	TGCGCAAGGC	AAGGGGAGAG
468101	AGGAAGATGA	GCAAGAGCCC	AAATGCAGAA	GAAATTTGAC	AGCCTAGAAA
468151	GGAACAGAA	TATCACCCAA	CAATAGAAAG	GCCAAGGAAG	TATGGGGTGC
468201	CAGAAGCTTA	GGATGTGAGT	ATCTCAGAGG	AGCAGGGGAG	CCATGCTGTT
468251	CAACACATCA	ATGACATCAA	AGGAGACATG	ATTGGACTTG	ACACAACCTA
468301	GGCCAAGTGC	ACGTCACAGT	AGGGCATCTT	CAGAGAAGGG	ATGGAGTGGC
468351	ATTAGCTTGA	GATAACTCAC	TTAAAGGAGG	AAAACCTCAT	TCTGGATCAT
468401	GGGTTTAAAG	GGTTTTAGTC	CAGGATCAGA	TGGCCTGATT	GTAAAGAGAC
468451	AGACACCAGA	CAGGGATAAC	ACAGCTGAGG	AAAATGGCTA	CCCTGAGGGA
468501	CTGAGATCAC	AGGGTGACAT	AGGTGAGCCA	GAGACAGGAT	GCATCCCTGA
468551	GGGCATCCTC	TCAAGGGGCC	ACTCCTTTCA	ATTAGGCACC	CCCCTTCCA
468601	TTTCCATGGC	CTCCCAAGAG	CACATCGCAC	TATAAACCCA	TCAACGCATA
468651	ATCCATGAAT	GGTATCAGGG	TGTCACAGTC	TGATCAGTTC	CCTAAACCCT
468701	GCCACTGGAT	TTACTCCACC	GAGGGATGTT	TCAGTCAGAC	CCAAAGTGTA
468751	ACAGGGGAAT	GATACCGATT	GCAACTGTTA	CCTCAACGAG	ATCTAGAATC
468801	ATCAGGAAAA	TGGGTCTCTG	GGTATCCCAG	GAGGGCTTGT	CTTTAACTGC
468851	CCACTGTGGA	TGCTACCATT	GCTCGGGATG	GGATCTAGAC	TGAGCAGAAA
468901	AGGAGACCAT	GAACCTAAGCA	CATGTAAGTA	CCACTCTGTG	TCTTGACACT
468951	TGAATGCAGC	TGCCCTCCAGC	TCCCGCCCCCT	GTGACTTCTC	CACCAAGATG
469001	GACTGACTGT	ACCATAGAAC	TGTGGGCTGA	AATAAACCTA	TAAGCTGCTT
469051	TCCTCAGAGT	GTTTTGCCAC	AGAAACAAGA	AAAGTAACAA	AGACGAAGGG
469101	TTTAGAGCCC	AATGGGCAGG	AGTCCCGAGT	AGAAGATGAC	ACAGAAAGCA
469151	CAATGGGATT	GGTCCCTCAA	GGAAAGGATT	GTTTTCTTGG	GAGAAGCTTG
469201	CAGAGGGTAG	AGAGGTAAGA	TGGAAGTTGG	CAGAACAAAC	TTTGGGTATC
469251	TTATTTTAGT	ATGGAAGAC	TCAGAAATGT	TAAGTTCCCT	ATAAGGAAAA
469301	GCCAGAGGGA	AGAAGGGCTG	GAAGTTCAGG	TTGTTGTGAC	TATTCAGAGT

469351	CTATATCCCC	AAATTTCTCT	CTTCATTAAA	ACTTAACCAT	GCTTCCAGAT
469401	CAACATCTAC	TGTCATTTCT	AATGCATGCA	TGTTTCAGAAA	GGTGTAAAAA
469451	TTTAAAAATG	TTTAGCCTTT	ATTTTATTTT	TATTGTATGG	ATGTTTGTCT
469501	GCATGTATGC	CTGTGTACCG	TGTGTATGCA	GTACCCACAG	AAACCAGAAG
469551	AGGGTGTTGG	ATCCCCTTGG	AACTATAGTA	ACAGACACTT	GAGAGCTGTG
469601	TTGATGCTGG	AAGAGAACCG	GGTCATTTGG	AAGAACAGCC	AGTGCTTTCA
469651	ATGGCTGAGC	CCCCAAAAGT	GAAAAATTTG	AGTCAGTAAG	TGCATAATATC
469701	TCCAGCAAGG	GGACCTGCCC	TGGCACGAAA	CCATTCTAAA	AAAGCCATTA
469751	GGGCAATGGA	TGGGAGGCTC	TGTACCCCTCA	TGGGTGCCAT	AACGACACAT
469801	GCTTGCCTCT	GCAATCTTTT	CCGGGATTTT	CCCATGTGTT	TTACTGACAG
469851	CTTTCCAATT	ATACGTCCAG	GTCGCTTTTC	CTACCTCTCT	GATAITTTTGA
469901	CCTTTTAACI	GTCAACTATA	CTCAITCAGGC	ATAGTGGTCC	ACTTCTACCT
469951	TCCCAGAACI	TGAGGACTGA	AGAAAGTATT	CAAGAGAAGC	TTTGGTTTCA
470001	TGCAAGTTTG	AGGCCAGCTC	AGGCTACATG	AGATCCAGTC	TCAAAAAACA
470051	AAAACAAAAA	CAAAATCAAA	AAACAAACAA	AAACCCCCAG	CCATTTATTTT
470101	ATTTATTTTT	AAACTGCTGC	CTACAATTTG	GTAACCTGGG	CCCTCCACAT
470151	CAAGCCCTCC	AGTCATTTTC	CTTCCTACTG	CATAAGCCGA	CTCAGAAGAA
470201	AGAGCCACTI	TCCTTAAGAT	AATAGTCAGC	TCTTGTGGCT	TCCAAAACCTG
470251	AAATTCGCAA	AGATGTGGGC	ATGTCAATGT	AAAAGGGTCT	GCCGTAACAC
470301	GGCATGAGAG	AGAATGGCCA	CAAGGCTGGT	AGGAGGGACA	CCAGGAAGGG
470351	TGAGGAAATC	AAAGTACTGA	ATTTACTTCT	GGGACTCCTA	TGTGGCAAGA
470401	GAGCTTCCGT	GTTATAATGT	CTCATTTGGT	TTCCATGAAG	AAATGTATTC
470451	ACAGAAGGGT	AACCATAATAT	CATGGGAGCC	TTTTTTTITTT	CCATCTTTTA
470501	AGTTAAATG	CTGCTTACAG	CTTACGGGAA	GTCATCATAA	TTTACTAGGC
470551	AGAGATTTC	CTATCATCAC	CATACATAAA	ATAATGGCAT	ATCTATTATIT
470601	AATGATGTCT	TAAATCCAGC	AAAATATGGT	ATTTAAAATT	TTGATCCTAG
470651	AGTTTTCTAA	GATTGATACT	GCAAATAAAT	ATTCTCACTT	GATGCAAAAA
470701	CTATTATTAT	GCATCATGTG	TTTTATGGAT	CAATGTCACC	AAATCAGAGT
470751	TGCCCTGGTA	AGTCTCAGAG	TTCCATGCTA	ACGAAAGAGC	ATGTCTTTCC
470801	CTCCGAACCA	CCACGGCTCT	CCCCCTGGGC	AATTGTAAAA	GTGGGTCCGT
470851	AAACACCCAT	GTTACCCACA	CAGCCAAGAA	GCAGGGCTGA	CAGCATCCCT
470901	CCCACCTAAG	CGCAGTCTTA	TCATCATCAC	CCGTGGAGTG	ATCTCTACCT
470951	TGCTTTAATT	ACAATGAAGA	GGAACATATT	TTTTTCCTCT	TCAGAAGCAA
471001	GTGGGTAACA	ACTACCTGGA	TAAATGGGGT	ACTTGTGTTT	ATAATGCGTC
471051	AGCTGTAGAT	GTTTTGCCCT	CCTGGATCTG	CAGTTTTCAT	TCTTTTCTTT
471101	TGCCTCACAC	TGTAGCACCT	CAGTCTCTC	AACTAGCTAG	AGCTAGGAGT
471151	GAGGCCGGTG	AAAGGGACAT	CAAACTCCAT	CAGAAGACGG	CGTCAGAAAC
471201	CCTGGGGCTG	GAGTTACGGG	TGGTTGTGAG	CCACCCACTG	TGTGTGCTGG
471251	GAAGTGATCA	CAGGCCTTTT	AAGTGAGCTG	CAAATACTCT	TAAATGCTGG
471301	GCCTTCTCTC	CAGCTCAGCC	CCTTGTGATT	ATTCTAAGCC	ACATCTATCC
471351	CTGCTTTTAA	TTATTTTAT	GTCCTAAAGA	GTAACGGCAG	CCCAGATATA
471401	CTCAATACAA	CTATTCTGAA	AATAGTTGCA	AATTGAGAAC	AAGCACTTAG
471451	ACATAAACAT	TTGAGGGGAA	CATTGTCTTG	ACCTTGTGTT	GCCCCTAGAT
471501	GTTGCCGTTT	GTCTGGCCAA	TGGGACTGAA	AAAGAGGTAC	TTTCTGAGAC
471551	AATAGGAAAG	TGTCCTTATG	AAGGGGCGGA	GCTATGAGGG	GTGGAGCTAT
471601	AAGGGGCGGG	GCTATGAAGG	GCAGAGCAGG	CCTTCCTGTC	TTTTTCATTGT
471651	CTGGAGCTAA	CTCAGAACCG	CTAGGATTTT	CACAATAATA	ATTGAGCCAA
471701	GAAAACAAGG	ATCCCTGGTG	AAAAGCCTGG	TGAAAGTGAA	GTCTCTGATG
471751	GCGATGAAGC	TGCCACACCA	ATCCACCAAT	CCACCAATCC	ACCAATCCAC
471801	CAATCCACCA	ATCCCAAGCA	GCTCCCTTTC	CAGACCTCCT	TTTTTAGCGT
471851	AGAAATAAGA	GTCTTGAGTG	TTCAAAACAT	CATCTGGGGC	ATGTCTAAAT
471901	GTACGCCAAA	TACAGTTCCCT	CACTGATGTG	TCATAAAAAAG	ATCTGTTCCGG
471951	GGTTAGGCAG	CAGGATAGGA	ATGCATGCCT	GGAGCCAGCC	CAGAATCTGT
472001	CTTTTATATC	TTCCGCTGTG	TACTTTTACA	CTAAGCTCGC	TCTATGGGTT
472051	TAGGAGGCTG	CTTAAGCATT	ATTTATTCAC	AAATCTTCAT	TGAAAAATAAT
472101	AAGATTCACT	TCATACGGATT	CATGATAACT	ACCTGACATA	AAAGGAAAAA
472151	GAGCCGTATG	AAATGGCCGG	CCCTTTCTTC	TTCTTACCT	CTAGCAGTGA
472201	GACAATCCTT	CCAATATCCC	ATTTCTTGACT	TTATTCCGGT	GTCTTGAGCA
472251	GGAGTGTGGA	TGTTAAAAAT	TAAACCATAA	GCCACAGTTT	AATGGAATGA
472301	TAGCTGTTCA	GCTGGAGAAC	AGAAGGTGGG	AAGGAGTCTT	CCACTGACAC
472351	AGCGCTCGCC	AAGAAAGGCC	AGCTGTTTTC	CGTGTCTCTC	AAGAATGGAG
472401	GACATGATTA	AAAGAATTTT	CTCCCTGGCT	TCTGTTCATG	AGCTGGCTTC

472451	CTGGGAATAG	AATCTGGGGG	TGGGGGAGAG	CGTGAGGGAG	GGGTGGGTAA
472501	TCTCAAGGGA	GAAAGGTAGA	ACTTTGTAAG	CAAGCAGAGG	AAGTGTGGGT
472551	TTAGCTGTTC	CCATAGGTCC	CAGAAAATGG	ACCAGGGGGA	TCCCTAGCAG
472601	GAGAAGTTAC	CAAAAGACAC	TTAAGTAGAA	GCACAGTGTC	ACCCATCTGC
472651	CTGGGGTCAA	ATGGATGTGT	TCAATGTGAA	CAGAGATGTG	GGGAGACATC
472701	TTTATTTCTGG	ATGTGAGGCC	TCTGTGGCTC	TGCATGGTAG	AACTGAGAGC
472751	AAAGGAAGCC	ATCCTTTTGC	AGCCTGAGAG	GA'TGTACTGG	GAGAGCATAT
472801	GCACACACAA	AGGAGTGGTC	AGATTCTTTT	CTGGGGCCTC	ATTCTTTTTC
472851	CTCCCATGAC	AACTGACCCC	TGAGAAGAGG	GTTTGGTGCC	AGGTGTGATG
472901	ACCAACATCT	GCAATTCCAC	ACTCTTGAGG	CTGAGGCAGA	TGGATGGCAA
472951	CGAGTAGGCA	AGACCAGCCA	AGGTGATAGC	AAGTCCCAGG	TTAACC'TGAG
473001	CTACCATGTG	AGACCCCTC'TC	ACCAAAACAA	AGGCTGCAAG	TTTACAGT'CA
473051	ACCC'TGTTTG	CTC'TGCCCTT	GACCTGATTG	GTTAACCCTG	AGCTTCGCTC
473101	TCTCCAACCA	CAAACAGCAC	TTGCGCTGGA	ACACACCCCT	CCATAAGGTA
473151	GACATGCTCT	T'TGGCCCTTT	ACTTTTACCA	ATGGGAAATG	AGCAGAAGTG
473201	AATATCTCTG	ATGTAAGAAA	TTAACAGGCC	CGGCACCTCC	CCTAATATA'T
473251	GTTCCCCAGC	CTACCGCTGA	AAAGAGGGGA	CTCAGAAGGC	CCCACAGGAT
473301	GGAGGAGCCA	TAGTTCCCAG	CCCAGGATGA	TGTGGGATGA	GGAGGTACTA
473351	GAAC'TGTGAG	TATGCTGGCT	CAT'GTACTTG	CAGGTGGTAG	CCTGT'TTGT
473401	ATAAGACTGA	GAGAACCCCT	CTCATGAATG	CTGAACATTT	TAT'TATCTAT
473451	CATCT'CCCTT	GGCAGGGGTC	AAACACGAA	TGTCCAGTCT	CTAAGGCTGA
473501	T'TTGC AAAT	CAGCTATAAG	ATAT'TTCCCT	ACCCCTGGCC	ACAAGTCCAA
473551	TTGCTAGAAT	T'TCTGGGGTC	ACTGT'TGCCA	GGCCCAACAG	ATAACAGTGC
473601	TTAAGTATGT	CTCTTATGGG	TATCTGTCAGA	GAAAACGGAA	GGGTTTCC'TA
473651	GGAATAA'TAA	ATTCAGAAAT	GAT'TGAGGAC	GACCC'TGGAC	T'TAAATATGT
473701	TACCCACTGA	CTCTCTGATC	ACAAACTCAT	CAAGACGTAG	ACCTTCCTAT
473751	CCTCATCTTA	CAAGT'GAGTA	AACAGTGATT	CTAGAAGGTT	GT'TGCCAGCT
473801	CAGCAAGGAG	GCTCAACAGA	CAAGAGGCAG	CCACCACCAA	GCT'TGGCAGC
473851	CAGGGACTGA	TGTGGTACGA	GAGAATTAAC	TGCACAAGTT	GTCCTGTGAC
473901	TGCCACAGAG	ATGCCATGTG	GGAGAGGAGG	GAGAAGGAGG	AAAGGTGAGG
473951	GGAAGGGGGG	AGGAAGGAGA	GGGGGGAAGA	GGAAGGAGGG	GAGGGGGAAG
474001	AGGAAGGAGG	GGAGGGGGAA	AAAGGAAGGA	GAGGAGGAGG	AAGAGGAAGG
474051	AGGGAGGGGG	TTATTGCTAA	GTCCTCAGTT	GAAGAGTTAG	TGGGTAGAAT
474101	AGGGAATTTG	AGTTTGTGCC	TGCACAGCCC	CAAAGCCTGT	GCCCCATCCC
474151	CCACCCACC	CCACTCCCCC	ACCCCATCC	CCTGCAAGGA	AACAGGCAGG
474201	CCTGTCCCTT	CTTGCCTTGT	CTAGGGGCAA	TGCATCCTGC	AGAGCTGGT'T
474251	CATGGTTTGA	GCACTGATGG	ATTGAGAGAC	ACTGCTTTCC	TGGGTGTTCT
474301	G'TGTTTCCCTG	GTGGTACCTC	ATTTCCCAGA	TGTCCCGGCT	TTCCGGGAGG
474351	CGATGCTTTC	CCACGTGTGT	GGCAGTTCCT	GGATGTACCT	CAGTCCCAGA
474401	GGTAATGATT	TTCCCAGACA	TCATCATTTT	TTTCCCAGAC	AT'TGGATATG
474451	TCGCTTTTCC	TGGATGTACT	GTATTCTGT'T	GT'TACGAGGA	GCAGAGAACT
474501	CACTCTGCTT	CTTTC'TGAAG	CCCTTGT'TCT	GTGGCTCCCA	GATGCATGAT
474551	TAGGCAGGGT	CCAAA'TTACA	CGCTTATTAC	AGGGCTCCAC	ACACATCCCT
474601	AAGTGGAGAG	GTGT'TTCCAG	AGGCGCTAGC	GGTACACAAA	CTAAGCTTTG
474651	TTTGGGCTAG	GAGGGAGTCC	TAT'TTTTCTC	TTCT'TTTTTA	ACTCCTTGCT
474701	TCTAGAATCT	GTCACCCAGT	GTTCTGAATC	ATGAGTACAT	CTGTGCCACA
474751	GAAAGTCAAG	CAAAGAGCCC	TGGCTCTTCC	TCCAGGACCC	TGGGGTCTTA
474801	AGCAGTTCCT	TTTCTGGCGT	CTTAAGCGGG	CATGGATGCC	TGACAAGGCA
474851	AAGATTCTGT	GGCTATTTGA	CTCACAGAAT	GGTCCATCTG	CTCTTCTGTC
474901	CGCTGTATGT	GATTTATTTT	ATTTTATTTT	TTTACTTGAG	GTCTTAAACT
474951	GTCTAGCTGC	CCAGGAAGGG	TGGATATGAT	GGTTTGTGAT	ATGCTTGACC
475001	CAGGGAATTG	CACTATTAGG	AGGTCTGGCC	TTGTTGGAGT	AGGCGTGTCA
475051	CTGTGGGTAT	GGGCTTTAAG	ACCCTCATCC	TAGCTGCCTG	GGAGTCAATC
475101	TTCAACTAGC	AGCCTTCAGA	TGAAGATGTA	CAACTCTCAG	CTCCTCCTGT
475151	ACCATGCCTG	CATGGATGCT	GCCATGCTCC	TGTCTTGATG	ACAA'TGGACT
475201	GAACCACTGA	ACCTGT'TAGC	CAGCCCCAAT	TAAATGCCGT	CCTTCTGAGA
475251	GTTGCCTTGG	TCATGGTGTC	TGTTTATAGC	AGTAAAACCC	TAACCAAAAC
475301	AGTAGAATAT	TCCAAAAGGA	GCCAGAGAAG	TGC'TGACAT'T	TAAGCT'GCTA
475351	CCTTG'TTAGG	TGAGTGT'TGT	TTTCC'TCATA	GACTGTTGCC	AGGGAGTCGA
475401	GGAGGGCCAG	AGTCCATGGG	AGCCAACCAG	AGCTGTAGAC	AAATATCCCA
475451	GGCCGGGTAA	GAAACAGGGT	GATCT'CAAAA	TTGGGTCACT	T'CCCCAGACT
475501	CC'TTAAAAAT	AAC'TCTCTAT	ATAATCTATG	CATAATTTT'T	ATGAGAGAAG

475551	ATGTTTTC	GGCTCTCTGA	CACGCTTTTG	ATGCACCTAG	CTCAAGATGC
475601	CACCTACCTCC	CACCTGGATT	GACCTTACCT	CTTTTATTCA	GTCTCTGACC
475651	TGTGTCACCCT	TCTGATAGCT	GCCATCTTCA	GTGTTTCAGG	ATGCTGTCTT
475701	GTCAGAATTC	TGCTGTGGT	CAAGGCGACC	CAAAATGTCA	GCGTCTCTG
475751	GACACAAATC	CTGGTCTTTG	TGGACAAACA	CACCTTCTCA	GGATGTCTCT
475801	GTAGACACGC	CAFGTCTGGG	TCTCTCTGTC	CACCTTGCATG	CTTGTCTTGC
475851	CCCCCTGTTT	AAGGGACATC	TCTGTTCATC	TTGTAGTCCC	CTACAGCAGT
475901	GGTCTTAAC	CTATGGGTCA	GGATTCCTGT	GTGTGTGTGT	GGCGGGGGGG
475951	GGGGGGGTGT	GCGGGGGCGG	GGGGGGGGTG	TCAAATGATT	CTTTCATAGG
476001	AGTTGTCTAA	GACCATTTGA	AAATAGCAGA	TATTTGCATT	ACAATCTGCA
476051	ACCCAGCAA	ACTTACGCTT	TTCTGTGGTA	TCAGTTATCA	GTGGCTAACA
476101	CAAATCTAAA	TGTCTTAAAT	GGAAAATTCC	AGAAGTAAAT	AATTCACACA
476151	TTTTAAATTG	CATTCTACTT	TGAGTGGGGC	CCTGAAATCT	CACCTGTCCC
476201	TGGCTGGGCT	GGGCAGAGTC	AACTGTTTGT	CACGTGTATC	TGCCCTGTGC
476251	CGTCTATCAC	TGAAGAGTAC	ACAACACTAT	CAGGTCAACT	GGCAACAGAA
476301	TCAGAGCTGC	TGTTCAAACA	GCCTTCGTTT	TACTTGATAA	ATAGCATTA
476351	AGTTATAAAA	TTTTTTCACGG	TCCTAGAATG	GGGGTGTGTC	AAAGAGAAGC
476401	CACAAAGTGC	TTCTTTTAAAG	TAAAAGGGTG	ATACCTATAA	CAGAGTTGTG
476451	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
476501	TGTGTAAGAG	TAAATACCAT	ATGCACCATG	TTTACCACCTA	TCATGTTT
476551	CATGGATGCC	CCGGGAGTCT	TGAAACATCT	CCTGTAGATA	AAAAGGGGAA
476601	ATACCTTGGT	CACCTTTTCT	GTTCAGTGA	TAAAATGTTT	TGAAAGGAAA
476651	AATGAAAGGA	AGAAAGGTTT	TGTTTGGGCT	TGTAATTTCA	GAGTACAGTC
476701	AGTCCGTCAT	AGCGAGTCTG	TCATAGTGGC	AGAAGTGTGA	AGTAGCTGAT
476751	CGTGTGGAAT	CTGCAGTCAG	GATGAAGAGA	GCAATGAGTG	CCAATGTTCA
476801	CCTCGCTTCC	GTGCTCCCTT	CACCTCCGGT	AATGAGTGT	AGTGCTCCCC
476851	TCACTTCCAG	CTATGAGTCC	CAGTGCTCTG	ATGGCTTCCG	TGCTCCCCCT
476901	ACTTCCGGTA	ATGAGTGTTA	CTGCTCTCTT	CACCTCCGCC	TTACTACGGG
476951	GTACAGGACC	TGAGCCCAGG	AAAGGGTCT	GTCTCTCTTC	AGAGTGAATC
477001	TTCTGACCGG	AATCAACCCA	ATCTGGATAA	TCTCTCACAG	GTATGCTTAG
477051	AGGCCTGTCT	GCTGGGCGAT	ATCAGGTTT	GTCCAGTGAC	AATCAACACT
477101	ATTGAAGGAA	GACTGTGCGA	TAAATGTGGC	AATGAACTGC	CTTTGGACAA
477151	GACTGGTGAG	CCTCCACTGA	CTTAGCTTTC	CCTCAGAGAG	ATTCAAGCAT
477201	CTTGGAGAAC	TTAGAAGGGC	ACTGGGTTTA	ATGCAGTGCT	ATTTGAAATA
477251	TGTGTATCTT	TGTGTAGGTT	TGTGCACAGG	GGTGCAGTGC	CCATAAAGGC
477301	CAGAAGAAGG	CATCAGAACC	TTTAGAGCTT	GAATTATAGG	TAGTTGAATG
477351	CTCCCTAATC	TTGGTGCTGG	GCCCCAAACT	CAGTCCCTCTG	CAAAAATGTA
477401	CATGTTTTPA	ACAGCCAACC	CATCTCTCCA	GCCCCCTGCCT	TGAAATTCCT
477451	AACCATCCCC	TAGTAAGGCC	CACATTTTCA	TTTATCTCTGA	GCCAAACCAG
477501	TTATGTAGCT	GGACTTGCTT	ATGCAACCGG	AGAGGTTGTA	CTTATTTTCT
477551	GTGTCTTAAT	AGATGTCTTT	TCCTATTAGA	TAGCTATGCT	ATAGATGAGT
477601	GAGTTTTAGT	CACACAGTTA	TGTGTGGGTG	ACACATGCTG	GCTGGTGACA
477651	CATCTTCATT	TCAGCCTTTA	TGTTTTGAAC	TTCCATGGTT	GGAGGTGTTT
477701	CTATCTTACG	TCATCTAAGA	TACTCACGAG	TTTCTTTCAA	AATCTGCCCTA
477751	TGGGAAAAAA	TAAACTAGTA	ATCATCTAGG	TGACCTCTGA	CTACCTCAGT
477801	CTTTGTACCC	TCAGTTCCAT	TTGTCTTTTA	TATGCTTGTG	GTAATAGCTG
477851	ACCCCCCTTC	TCTCTATACA	CACACTCATA	CAAACCCTTT	CCTGAGATTT
477901	CTTTGAAATA	AACAATGTTA	TAGCCTGTGG	TACTAAAAAA	AAAAATCAAC
477951	TACAAATTCG	GGATGGGAGG	TAGTGAAGTA	ATTGTAAGCA	AGAAATCTTT
478001	AAAAAGAGCT	TCAAGGTGTT	TGGTTGCTCT	GGGGGAGATG	AGTGAGCGAT
478051	GGTTGGTTAT	CAAATGTATG	TAACATTCAA	TTTAACTTTT	TAAGTGAAGC
478101	AGAAGTTTCT	CCAAAGTGGA	TATACAAATAT	ATAAGTGATA	AGTATAAACC
478151	TATCAAAGAT	TTTAACTTCA	CTAAAAGATG	ACAGAGATTC	AAATCAAAC
478201	TTCAGCGAGA	TGCTGGGGTA	GTGACACATG	GGTTTCAGCT	CACAGGAAGC
478251	GAAGGCAAGA	GGATTACAGG	TTTAAATCCAA	TCGAGGCTAA	TAGGTGATTC
478301	TCAGGCCAGT	GAGCTTAGGC	AGCTCGTCAC	AAAACAACAA	CCACGGTGAG
478351	GTCTTGGTTT	GCACCTAATA	CAATCAGTCC	ACCATCAATG	AGAGAGACAC
478401	AGACAGACAC	AGACAGACGA	GAATAAAGT	ATTGCAAGAG	TCTAGAGAAA
478451	GTGGATGGCT	TGTGTACCAT	ACAGAGGGAT	GTAATAATGAT	ATGGCCACTA
478501	TGAAAAACAG	CATGAAGATT	TCTTCAAAC	ACAACATAGA	ATTAACATTT
478551	GACCCAGTGG	TTCCAATTCT	GAAAATGTAC	ACAACAAATT	GAAAGAAGAA
478601	GAAAAAATAA	ACACGAGGAA	ATTGCACCTA	CAGGAACATT	ATTACACAATA

478651	AGATFAAAGC	ACCCAATGGC	CCAACAGTGA	ATGGATGGAT	GGGTGGATTA
478701	AATAACCTGT	GCCATATACG	TACCACAGGG	GCTTGATAAC	GATGCCATTC
478751	CAAGAAAAAT	AGGGCATTAT	TTTGGTACAC	CAAGCACTTC	ACAATAAGGG
478801	CAAGACTGAA	GTTCGTCTGG	CCTGCCAAAT	GTGGAGGGGA	ATTCTGTAGA
478851	ATAGTCTTAT	AGGCATAACG	GTCAGACTTC	AAGCCCCCAT	TATCCATCTC
478901	AGTAGAGAAG	ACTGTGGTGG	TCACTATTC	ATGGCTGGGC	AGAGACACCA
478951	GCACCAAGGC	AATCTCTAT	AAAGAAAAGC	ATTTAATTGT	GGGCTTGTGT
479001	ATAGTTTTAG	AGGTTTAGTG	TGTTGTTCATG	GAGAGAAGCA	TGGTGGCACA
479051	CAGGCGGACA	TGGTGCTGGA	GAAGTAACTG	AGAGTCCTGC	ATCCTAATCC
479101	ATAGGGGGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
479151	AGACTGACTG	ACTCTCTGGG	CTTGGCATGG	GCTTTTAAAG	CCTCAAAGCC
479201	CACCCCCAGT	GACACACTTC	CTCCAACAAG	GCCACACCTC	CTAATTCTTT
479251	TAACCATTC	AAATAGTGCC	AGTCCCTGGT	AACATAAGCAT	TCAAATATGT
479301	GAGCCTATGG	GAAACATTC	CAGTCAAAC	ACCACAAAGA	CTGAGGACTG
479351	TGACCACACC	TCAGCATCCA	AGTTGACACC	TGTCTTTTAG	GCTCTAATGC
479401	CAAAGAGAAT	CTTTACACCC	AAATCTCTGC	CCCATCAACC	TTTACGGCCC
479451	TCCACTTTTC	CTATTCTCCC	CATCTGCAAG	CAAAGGGATA	TGGACACTTC
479501	TAAATATGCT	AGACTGGGGA	CAATCATACT	AGACTGGAGA	CCCATCATA
479551	TAGACTGGGG	ACCATCATA	TAGGCTGGGG	ACCATTATAC	TAGGCTGGGG
479601	ACTGTCATAC	TAGTCTAGGA	CTGTCATACT	ATCTGAGGAC	TGTCATACTA
479651	GGCTAGGGAC	CATCATACTA	GACTGGAGAC	CATCATACTA	GGCTAGGGAC
479701	CATCATACTA	GTTTGGAACT	GTCATACTAG	ACTGGGGACC	ATCATACTAG
479751	GCTGGGGACC	ATCATACTA	AGGCTGGGGA	CTGTCACTAC	AGTCTGGGAC
479801	TGTCATACTC	TCTGGGGACT	GTCATACTAG	GCTAGGGACC	ATCATACTAG
479851	ACTGGAGACC	ATCATACTAG	GCTAGGGACC	ATCATACTGG	TCTGGAAC
479901	TCATACTAGG	CTGGGGACCA	TCATACTAGG	TTGAGGACCA	TGTCATACTA
479951	GTCTGGGACT	GTCATACTCT	CTGGGGACTG	TCATACTAGG	CTGAGGACTG
480001	TCATACTAGG	CTAGGGACCA	TCATACTAGA	CTGGAACTGT	CATACTAGAC
480051	TGGGGACCAT	CATACTAGGC	TGGGGACCGT	CACATACTAG	GCTGGGGACT
480101	GTCATACTAG	TCTGGGACTG	TCATACTAGG	CTGGGGACCG	TCATACTAGA
480151	TTGGGGACCA	TCATACTAGT	CTGGAACTGT	CATACTAGAC	TGGGGACCAT
480201	CATACTAGGC	TGGGGACCAT	CACATACTAG	GCTGGGGACT	GTCTACTAG
480251	GCTAGGGACC	GTCATACTAG	ACTGGAGACC	ATCATACTAG	GCTAGGGACC
480301	ATCATACTAG	TCTGGAACTG	TCATACTAGG	CTGGGGACCA	CTAGGACTAG
480351	TTGGGGACCA	TGTCATACTA	GTCTGGGACT	GTCATACTCT	CTGGGGACTG
480401	TCATACTAGG	CTGGGGACTG	TCATACTAGG	CTAGGGACCA	TCATACTAGA
480451	CTGGAGACCA	TCATACTGGG	CTAGGGACCA	TCATACTAGG	CTGGGGACCA
480501	TCATACTAGA	TTGGGGACCA	TCATACTAGG	CTAGGGAAAA	TCATATAGGC
480551	TGGGGACCGT	CATACTAGAT	TGGGGACCAT	CATACTAGGC	TGGGGACCAT
480601	CATACTAGGC	TGGGGACCAT	CATGCTAGGC	TGGGGACTGT	CATCTAGAC
480651	TGGGGACCAT	CATACTAGGC	TGGGGACCAT	CATACTAGTC	TGGGGACCAT
480701	CATACTAGAC	TGGGGACCAT	CATACTAGGC	TGGGGACTGT	CATACTAGGG
480751	CGGGACTGTC	ATACTAGGCT	GGAACCGTC	GTACTATCCT	TATCCTCTTA
480801	TGTTCTCCTG	CCCTTTCAGT	GATTTCTCCC	CTCCCCCATC	TGTGCATTAA
480851	TTATTTTGTG	GGTGTITTTCT	CCTCTTTAAT	CTTGGTAGTT	TATTCCAAAG
480901	TAGGGTAGAG	GAGATGTTTC	ATTTTACCTT	TTAAAAACA	GAAGAGAAGT
480951	TTGACTCTTG	TTATCATGCC	AATGAACCTG	GAAGACATTC	TGCTAGGTGG
481001	AAGCATCCTG	TCACAGAAGA	ATACATGTGA	TCCCATTG	GTGAGGTGCC
481051	CCTTGCCCTC	ACCTAAGTCC	AGAGCCCTTT	TGTCCTCTAC	AAATAGTAGC
481101	TCCTCCTGCC	TCCCTCCCIT	CAACCTCGGC	ACCTACCAT	TAACACTATG
481151	TCTCAATGCA	GTGGGGCATC	CGATGGGTAA	ACGGGATGAT	GGTCCTTGGT
481201	GTCTCTCTGG	CATCGCCTAG	CATAGCATCT	GCAGATACGT	TCATGTCACA
481251	GCACAGAAAA	GGACAGGTGT	CAGCACAAGA	CACCTCAAC	ACCAAGTTCT
481301	CACCACAGCC	ATCACTCCAA	CCCGGTTT	CTTCTCTTAT	TCAGTTCACT
481351	TAACACATAT	TTATGGAGTA	CTTCGACAT	GATCTACCAT	CTTGGACTG
481401	CCCCGTGCTA	TTGAAGAGAG	GAAGACAGGA	AGTCCCAGTG	CCCAAGATTA
481451	CACACAGACG	GAGACTAAAC	GGGCAGTTAA	GTGAGGTCGC	TTCAAGTTGC
481501	CCTGAGTCC	CGGAAGTAGC	TACAGCAGGG	AGCAGGGGAT	CTACTCACTG
481551	CCCAGCAGTC	TCAGGGGAGG	GAAAAGTGCG	CCCACGGTGA	TAACCTGAGG
481601	CTTAGCAGGG	ATGAGCAGGC	CACCAAGGAG	GCCGCGGGAA	GAGCATATGG
481651	GTGAGGAAAG	GTCCAGTTAG	GGCTTGGTTA	AAGAAGGGGA	ACGAGACTGC
481701	CGCCATCGTG	AAATGAGCAG	AGAGCAGGCG	GCCAAGGCCG	GCAGGGCAGA

481751	CCACGAAGGC	AACAGGAAAG	ACGCTGCCCCG	CTATAGGAGC	GCACAGGAGG
481801	AGCAGTGGTC	TGAACCCCTTT	ATTGAGAGCT	CTGCC'GCGAG	TTGCAGGTAG
481851	AGGTGATGAC	CTGAGCCTCT	GCCTTCTTCT	GCCTTCAT'G	TTCTGAGAAT
481901	GACACAGGCA	GGGCCACAGA	GAGCCACCT	GCCTGCTCTG	GGACTACAGA
481951	TAACATGGAT	GGTGGAGGCA	AAC'TTCTCTG	TCTTAGTGAG	GCTAACAAGC
482001	ATACTGGACT	TGTC'TAATC	T'TTTT'TTTT	TTCTTTCTAA	CTATCCAGGA
482051	CCCAGTCCTG	ATTGCTGAGT	AGATATTTCC	TTGGAAGTGA	AGCATATGCC
482101	CACCTCCACC	CCAAC'TCGAA	CAGAGGCTTG	T'TAAGGAAAT	AAACAAAAC'T
482151	TCTGAGTTTC	AAGAAGCTAT	GGAAATTCAC	AAGAGGGGCC	CTCCCTTCCC
482201	AACACCATAT	AAGGAGTGAC	ACTTTT'TTA	AAAAAGATTT	ATTTATTTAT
482251	TATATGTAAG	TACACTGTAG	CTGTCTTCAG	ACACTCCATA	AGAGGGAGTC
482301	AGATCTCAT	ACGGATGGTT	GTGAGCCACC	ATGTGGTTG	TGGGATTTGA
482351	AGTCAAGACC	TTCAAAAGAA	CAGTCAGTGC	TCTTAAGCGC	TAAGCCATCT
482401	TTCCAACCCG	AGCAGTGACA	CTTACTGGAG	GTAGGAGGCC	GGGGGAGGGG
482451	AGATGGGACT	GGAGCCCAGC	CAACCTGGGT	CACACACACC	GGAGAGTTGT
482501	GCAGAAAGCT	CTGGGGATTA	TGTGGTTAGC	AGTTTGGGGA	TAAGCTTTTT
482551	CAGCAGTGCC	ACAAGCC'TTT	GTGTCACCAA	GTAGCCCTAA	TAAATTCACT
482601	GGCTCACCAC	AGTAGAATTG	TTCCTTTGGT	CTGCCGTGGA	TGTCCTATCT
482651	GGTCAATAG	ACATTTCTTC	ATGCTCTCCC	AGAACACACT	AAT'TCTTAAT
482701	TTGCACTGTT	CTTAAAGGCC	CAGACCCAGA	ATCATCCCTT	TGTAACACCT
482751	CTCAGCCAGC	AGCCTTCCTC	CTTGGTCTCT	AAGGTCC'TTC	CTGCATCCTT
482801	GGTACCTGCA	TCCTGATACC	TGCTCGGCAA	GCCTGAGAA	ACAGCTGCAG
482851	CACCCAGATG	GGCATCTTGT	TTTTAGAGCG	TGTTAAGCCT	CACAGGCAAT
482901	GAGTGATGTG	AATTCAACAT	GCAAAATGGC	TGGTGCTCAG	CCCAGGAGTG
482951	TGGTGCAAAG	CTGGAAACAG	AGTCTAGCCA	CACTCTGCCT	CTGGCTTCAC
483001	CTAGAGAAGG	GCTATGCGGA	GAGCAAAAAC	TCGCAACTTC	CTTTGTTAAG
483051	TTTGCAACCC	AAGAGGGAGG	GGAGGCAGAA	AAGAGTCCTG	GCTGAGGTTC
483101	AGGTAAGGCT	TGTTGTCATC	CCCACCCCCA	CCCCATTCTG	CCTCTCCTCT
483151	CTGGCTGTCA	TCTCAGGCAT	AGCTCACTCT	TATCCCTACA	AATATCTCTT
483201	CAGTTATCTC	CTTTCCCACA	AGTTACTTCA	CCCAAACCAG	CAAGCCAGCC
483251	CGCTTTCCCA	AGCCAGGTCC	CTGGCATCCA	GAATGTGCCT	AATAAAAAACA
483301	CATGTTGTAA	AAC'TAAA'TGA	ATGAATGAAT	GACTTTTTTT	CATGCAAAGA
483351	AGAACGAGCA	AATCAAATGG	GGGAGGGGCC	GGAGGCTCCC	AGATTGTTAAA
483401	AGAATTGATT	GCATTGATAG	ATTAGATTTT	CTCTCTCTCT	CTCTCTCTCT
483451	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTCT	CTCTCTCTGT	GTGTGTGTGT
483501	GTGTGTGTGT	GTGTGTGTGT	GTGTATGAAG	CCCGGCAGGA	CTCTCCATTC
483551	CGAACAAGCT	TTCTTTAACT	GGTTTCTCAG	TGGGGTAACC	TCTCATTTC
483601	CAGGAGCACC	AAGAAAGGCA	AATCAATATT	CAC'TTAAGAT	AGCAATGTGC
483651	CTTAGAACCA	CAGGGGCCAA	AGGGGTAGAA	CATCTCAAGA	CCGCGTCCAA
483701	GGTCAAACAT	AAGTGTGTCC	GGAA'TTATCT	CAGTGTAATG	AGCCAGCTGG
483751	CCCCTGGTGC	TTCACAAGAC	GGATGGGTAA	AGATTGCGGC	TGGCCTCAGG
483801	CCTTGGCCCA	GCAGGGAGCT	GAGACGGGGG	AAGGGCGCCC	TCTGCCGAGG
483851	GTGAAGAAAA	ATACAACCTG	GCAGTTGGTG	AGCCCTATGC	CTAGATTTCA
483901	CTTCTAGAGG	GCCATTTAAA	ACAAAAAACA	AAAAAAACCT	CAACCAGAGA
483951	TCAAGCCAAG	GAGCTGTTCC	TCACAAGCCC	TCTCTTAGCC	CCTTCCCTTC
484001	AGCCCGGTGG	CTAATTGCAG	TCCTTGATCC	CAAGGAGACA	GTGTCCCCCC
484051	ACTCCTGAGG	CTTCCGTTTC	TAAGAAAAAG	ACGGCCGAT	ATTACTTTTT
484101	TTGTTCCCTA	TTACCTTCCT	CATCTTGGGC	TCTAGAGCTC	CGGAGCTAGG
484151	GGTCTTGGTC	CTGAGAAAGA	TCTCAGACAC	TTT'TGAGTAG	GAGGGAACTC
484201	AGACACACCC	TAAAGCCACA	CACACACACA	CACACACACA	CACACACACA
484251	CACACACACA	CACACGTCAG	TTGCC'TGTCT	ATAAAACTGC	GAGGCTGTAT
484301	TCGACAGTCG	GGAGGTTCOA	ACTCTCGTGG	TGCCTGCC'TG	GTGTCC'TATT
484351	TTAGACCCAG	AATGCGTCCG	TCCGCAGAGA	GAGAACAGCG	GCTAATGAGG
484401	GATCGTGAAC	CAACAGAAAC	AATGGCTGGG	GACCACCTAA	GCACT'TCCT
484451	CCCCCAGGGA	AGGTAGAAAT	GGCTTTCTAA	GGACCTGCGT	CTCTTTATTG
484501	AATCTTGAGT	GACACCTAGT	GGTCCACCCG	CCTCACCCTT	GCCGAGGCTT
484551	CTGCTCAGAG	GAGCTTTAAG	TAAAC'TGGAG	CTCATCTTTG	CCTTCAAAGA
484601	CCTGGGGAAT	CAAAGACAGC	CTCGCTGAAG	GT'TTCTAGCA	CTTCCCCGCA
484651	AGCATTGTCC	TACGTGATTC	CGAAAGAAAC	GCTCTTATCT	GGAGAGCTTG
484701	CTCAACTGGC	ACATCGTTCT	AGCAGCGAAT	GTGT'TAAGCT	AGACGCTCTC
484751	CTAGGTACTG	GGAACACAGA	TGTC'CCAGTC	TAGGCTCCTG	CTCTCTAGAA
484801	ACAGCC'TAGG	TTGGTGCAGA	AAATGGACCC	GGGTT'TGGG	GAGTGT'TTA



484851	TTTAAAAAAC	ACCATAGTCC	ACTGGAAAAA	TGGAGTGTGT	GTGTGTGATT
484901	TGTGGATGGA	GGAGAGCAGT	CACCACTTGA	GCTGGGTCCT	GGAGGTCAAG
484951	TAGCGTGACA	GAATAAAAGT	GGATTGACAG	CCCACAATGT	ACACATCCTT
485001	CCACTCCGTT	GTTCAAACAA	TGAACTTGAG	GGCTGCTGGG	AAGAGAATCT
485051	GTGGGTGTGG	TTAAGATCCC	CGGGTCTGCC	AATCTTAAAA	ATCTAAAGCT
485101	TGTCCAAGGC	AGGCCTCGCC	CAATCAGCTG	AACACTTTAA	AGGGACTGGA
485151	ATGTTCCCTG	CAGAAGAGAT	TGGAGACTCA	AAAGGACTCT	TGTGGAGTTT
485201	TCTCTGATTG	GTTGTTCAAT	AGGAAATTGG	CTAGCCGGGA	GAGAGCTGAG
485251	AGCCAAACTG	TGAGAAAGTG	AGTTCTGACA	GTGGCCAGGG	CGCTGGGAGA
485301	GAAGCCAAAG	CTTGCTTTGC	GAAAAACCAA	GTCCCAGCTG	ACGCCGTGAGT
485351	TTAGCTTTTG	AACACCACAG	AGAGAGGACT	CAGGCTGTCT	GTGCTGGTCT
485401	ATAAAACTAT	GATTAACCAA	TTGGAGGGGA	TTTAACCTGA	TAGCTATGCA
485451	ATGTGTTTCA	AAGCCACAGA	AAAATGGAGG	GGGTTGGCCA	CTTGGAGAAC
485501	AAAAGCCATC	TGGCCAGCAG	GACCATGCAG	GCAGACGACA	AAGGAAAACG
485551	TACGATTGAG	AACAGGCTTT	GGATGGGAGG	CACAGTGTCC	TTGGACAGAC
485601	TGATGGCTCC	CTGTACCCCT	GTGTTTACAG	CGTAAAAATG	AGTCGTCAGT
485651	GGTTTAAACC	TAGAGTTAGT	GGTGTGCCTG	CATAGACAGG	GCTCGATACA
485701	GCTCAGGAAC	TATCAAGTTG	TCAGAAGATG	TTAGGCAACT	CTAGTTGTAG
485751	CTCTTAATCC	ACAGACAAAG	CACTGGGCTG	AGAGGCCTTG	GTCTATGGGT
485801	GGTTTTTTGT	TTTGTTTTGT	TTTGTTTTGT	TTACTGGGAT	AGGGGGCATC
485851	TAAGACTATA	TATCCCTGAC	CCTACCTTTG	TTCTTACTAA	ATCAGTCTCT
485901	ATAAGTAAGG	CCCAAGGACC	TGAACCTACA	AAGAGCTTCC	AGAACGAGAG
485951	GGTGTAACTG	CACCATTTGA	GTAAGTTATC	ATCAGTAAGC	AGCTCGTAGA
486001	ATACAGAAAA	GGCAGTAAGG	GCAGGGTGTG	CACATGACAG	GCTTTGAGGG
486051	AGCACCCGAC	CGTCTAAAGG	GGTGAACAGG	TCACCAGAGA	ATGTGCTGGG
486101	ATCATTCCTG	GAGGTGGGTG	GGGATGGGGA	TAATGAGTGG	TGTTGTITGGG
486151	TGTGTAGAGT	CCAGGAATCT	TGTGGGCGTG	CAGCTGGAAC	ACCATATAGG
486201	CAGAAACACT	CGAATTCAGG	AACCATACTG	GGACCGGAAT	TACAATGTGC
486251	GTGAGCACAT	GATGTCATAG	GTGTGGAGAA	CAGAACTGAA	AACATGTGGG
486301	CGGAGGTGTG	GGCCTCTCTG	GAAGTGAGAA	CAAGCCATCA	GGAAGACAGG
486351	AAAGGTGCTG	AGTGGGACAT	GGGCCAAGGG	AGACACTGGT	CACCAGTGTC
486401	CCTGGCCTTG	GAAGATTCCA	AAGGGACAAA	GTCTGGGAGC	TGCTCCATCA
486451	ATGGCAAGGT	CTGCAGCACT	CACAGACTAT	GGCTTGGGAA	TGGACAGGAA
486501	GCAAGAGATG	GGTGTGTGCT	TTTGGCTTCA	GAAGCGAAAA	GGGAAAACAG
486551	GGTAGAAGCT	AGAAATGGGT	ACACCCTCAC	CCTGCACCAA	TTCCGTTGAT
486601	GTGAACCTAG	ACACACCATC	CATAAACACG	GCTGTGGCAG	GCCGCCAAGA
486651	ACCTGCTAAC	CTTGAAGTGC	ATAGGGCAAG	AAGCATAAGG	CTCTAAGGAA
486701	AGAATGGTTA	CCTGGTTGCC	AGGCCAAGTG	TGCAGTTATG	CTCCAAAGTG
486751	TGCCACAGAG	TTCAGGAGGT	AAAAAACGAC	AACTGGGCAG	GGGACCTTCT
486801	CTCTGGGGAC	ATGAGTGCTG	GCTGGCCAAA	GGACACTGAG	TTGCAGAAGT
486851	CCTAGCTAGG	GTGAAAGAGC	ACAAATCTTG	TGAGGACCAA	CTGTATGCTC
486901	TGGGGAAAGC	TACTTTAGCA	CTCTCTACTC	CAAGAGCTCA	TCCATTGAGT
486951	GGAAACAATA	GCCAGACTTC	CCTCAGGCCA	CTCCCTGGGA	GAGCCCCCTC
487001	AGTGGTGGTT	CACAGTGAGG	GCTAACACAT	GGCAGCGGGC	CTGAAGAGTG
487051	TITGTATTTT	ATAAGTCAGA	CAACGGCAGA	TCGGCCAGAA	CCCCCTAGAA
487101	ATCTCACACA	AAACAAGCTG	AAGGCCTTGA	CTATGATCCA	CGAGGCCACC
487151	TGCCACTGTC	TTCTCTTAGT	CCCTCTCCCT	GGGTCCCTCAC	CCCTCCAGCA
487201	TGGTTGTCTT	CATGATGGAT	GGGTGTGGAT	CATCAGACAC	ATGGAGCTTT
487251	ACCCCCGAGA	CCATGTCCAG	GCAGCTACCA	CCGAGCTTTC	TTCTCTGTAG
487301	ATGTATGTAA	GGTGAATGTA	TGAGAACTTT	CTGGAACTTT	GGAATGGACA
487351	CCATTGCCCC	ACACATCTGT	TCAGCTGATG	CCTAGACACA	GAGAGCAGAA
487401	CTTAATTTCT	AAAGTGAAAT	TCAGTAGCTA	AGGCAAGCAC	GGCCCCCTCT
487451	CTCAAAGAGG	AAAGGATTCA	GAGCTGAAAT	GCTGGAACCA	CACCGCCTAG
487501	TTCCAAACCC	TGGCTTGGAC	ACCACTCACG	TAAGGTCTCT	GTGTTGTTCC
487551	TCTCCTCATG	CAAGACAGGA	ATAATAGTGA	TACCTACCTA	TCTCATAAGG
487601	GTTATGAAGA	TGTATATGTG	AATGCACACA	CATATACACA	CACATACACA
487651	CCACACACAC	ACACACACCA	CATGCCACGC	TGCACACCAI	ACCACATACA
487701	AACATATACA	CCACACACAC	ATACACACAC	CACACACACA	CATATATATA
487751	CACACCACAC	CACACACATA	TACACATACA	TATACACATA	CATACACACA
487801	CTACACCAAT	CACACACTAT	ACCATATACA	CACACAGACA	CCACATGCCA
487851	TACTGAACAT	CAGACACACA	CTATACCATA	CACACACACA	GACACCACAT
487901	GCCACACTGA	ACATCACACA	CACACATATA	TACATACACA	CACACACATA

487951	GACAAAGGGA	GAAAGGGAGG	AAGAGAAGGA	GAGGGAGAAA	GAGAGACAGT
488001	GCTGGGTATA	TGACAAAAAA	ACCAACAAAC	AAAACCAGCC	TAAGGGCCAA
488051	CAACATATTC	TGCGTGGGAA	TGCACCAGTC	TAGCCGCCCT	TTTCATAGGC
488101	ACTGGTGGAG	AACATGGCAT	CAAGTGCCGA	ATACATGGTC	ACTCGCCATC
488151	CGCAGCAGCA	GCCTGTGTCC	GTGCCGTGTG	TTATCCCCGA	CCTGAAGCAC
488201	CATGGAGTGA	TACAAAAACA	TGGGCTTTTA	TAAGAGGAAA	TCCTGAGTGT
488251	GGGCAGCCCC	TGTTCTTCAT	ACTAGGCAGT	GACCCCTATC	CGTTCTCTTC
488301	TAAGGATGTT	TGCTAATAAC	TGTCTCTGAA	GAGCTAAATC	ATAATCCTGC
488351	CCACACGGTG	TTCATGAACA	CCGGAGCTTC	ACAGACAATC	AGTTCCTGAG
488401	AGTGTAGGGT	GGAACCGGCA	TTACTATTGC	AACAGGCAGG	GTCTCTTGAA
488451	GAAACAGAAC	TGAGCGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
488501	TGTGTGTGTG	TGTGTGTAAA	ATGTGGACTG	GTAGTCCAAC	AAGTCTGTCT
488551	CACACTGGAG	AGGCCAAGTA	CCTTGCTAGT	ATGTCTTTGA	AGTGGGTAC
488601	CTCAATAACC	CTAGTCCGGT	GCTCCTCTAG	AGGACTGGAG	GAGTCCTGGA
488651	GAGCCTTAGG	TCTAAGTTAG	AATGCCAGTG	ACATTAGTTT	TAAATAGCAGG
488701	AGTTTTAATA	GTGGACAGC	AACAGGATAG	ATGAACTTGT	CAGCCAGCCT
488751	GAGGGCAAGC	AGGCACGAAC	CCTTTTCCTT	TTTCCACATC	CTTTGGTCTG
488801	GGCTGTCAAC	AGAAGGCTGG	GTCCTCCCTC	TTCTGATAAT	CAAGAAAAAT
488851	CCTCAACAGA	GTGCCCCAACA	TCTTGGGTTT	TAGCTGATTC	CAGAAGCTGT
488901	CAACTTGACA	GCTGAGGTTG	CCCCTCAGAA	CTGCCGTAGG	AAAAGTGAAC
488951	CCTCGAAGCA	TAGCTTTATG	TCTTTGGACG	ACTCTGGAAT	TGCTAGAGGT
489001	TGGAGTAAAA	CCAGAACCAG	GAGACAACAA	GTTACCCAGA	CTTCTGGCAA
489051	GTCAGAGAGT	TTGAGTCCAG	GTTGAGTGAC	TAGACTACTA	AGTGTGCCCT
489101	ACAAATGGCT	TCCTCGAGGA	ACTGCTGTCA	GCAGTTGAGT	GTGATATTGG
489151	GCGAATGAGT	GTTCAATTGC	ATGAGGGATA	ATCTATCACT	CTCTATCGAG
489201	AAATCCAGGC	ACTCGATCTT	TTTGTGACAG	CAGCACGTAT	ATTCTATTGC
489251	CAGGAAGGAA	GGCAGTTGTC	AAATTCCTAA	TTTTTCCCTT	TGAAAAATTA
489301	ACATTTAGCT	CAAATGTGAG	AGCTGGGGGA	ACACACAAGA	CCTTAATTAC
489351	AAAGTGCAAT	TCAAAGATCT	TACTAATTAA	TAAGCTGATG	AAAAATTCAT
489401	TGAAATTCAG	AGAAAGAATC	AAGGGACGGG	GAAAAGGAGC	CGGCCAGGGT
489451	TAACATGGCG	TTCTATAAAA	TGTTTAAGTC	TATCGAAATA	AGCAGCCACC
489501	CCTCTGTGCT	AATTACAATT	TAATCACTTG	TGTGATTGTT	TCATCTGTAA
489551	AACTTGCTTT	GCACGTGAAA	AGATGTACAG	AGAATATTTT	TTTAAATTTT
489601	GTAGTTTCTC	ACAGCAATAT	TACACCAGAT	TAAAAGCTTT	TAAAGACCAG
489651	TTAGATACAT	AAAATATTGT	TTGTTTGTGT	GTTTGTGTGT	TTGGGACAGT
489701	GTCTAGCTAG	CCTGGGTACC	CTGAAACCCA	CTATAGCCCT	AGGTAGCCCA
489751	AAATTCACCT	TGAACTTGTA	AAAATTCTCC	TGCCTCTGCC	TCCCAGGGGG
489801	TGACAGGTGT	GTCTAGGTTT	TAGGCTCAGC	TATATCTTTA	AATGTAAGGG
489851	AACCCACTGG	AACCCTGATG	TGTCTGTTCA	CTAGCTGTGA	CCTCCAACCT
489901	TCCAGATAGT	CCCTTAGGGC	AGCAGTTCTC	AACCTGTGGG	TTGCAACCCC
489951	TATGGCAAAC	CTCTGTCTTC	AAAATTATTT	ACATTATGAT	TCTCGACAGA
490001	AGCAAAATTG	CAGTTATGAA	TAGCAATGA	AAACAGTTTT	ATGGTGGGGG
490051	GTCAGCACAA	CATGAGGAAC	TCTATTAAAG	GGTCACAGGT	TTAGCAAAGT
490101	TGAGATCCAC	TGCCTTTGAG	TTTGTCTCCT	GTAATAAACA	GAGGTAGAAA
490151	TGACCCCCCC	CCCAGGCTGC	AGTAAAGATA	ACTGTTTGTG	ATTGCGAGTC
490201	AGTCATGGCC	TTCCCTTCCA	GATTCTGAGC	TCAGTCAGAT	CTGGAACCTG
490251	ATGAGGCCAA	AACAGAGTTA	AGTGTATACG	CTGGGCTGGT	GGACAAGACA
490301	TGGGGATTC	AGCTACCCCT	TGCTTGAGGT	ACCCACCCTG	CCCTGCCTGC
490351	CAGCTACCAC	TGCCACCTCA	GCCAGACCTG	GGAATCTGAT	GTGGAGACTA
490401	GATCTGCAGA	GACAACTCA	AACAGGCTCC	CCAAGGGAAG	AGGGCTTCCT
490451	CTACCCACCC	TGCACCCCTT	CCCATGAGAA	ACAGAAAAGA	GAGCTGCTGG
490501	CAAGGAAGGC	CTCCTAGGCC	TTAAGGAGGC	CTCAGCTACG	GCAGGTAGTA
490551	GACTCCCCCT	AGAGGAAGAG	TTTTGCAATC	TCAAGGAGGT	AGGCTATGCG
490601	TCCTTGGCCC	CACAAAATCA	GTCCCTTAAA	CAGAGACGTC	ACCAACCAGC
490651	TAAGCAGATG	TGACCATCAG	ACAAACAACC	TATAATGGTC	CCATTTCCTG
490701	AGTCACAGAG	TGACACCCTT	CAACCTGTTT	CACGTCACAC	AAATCCCAAT
490751	GGCCAACTCC	CCACCCCAAC	CCCAACATGG	CCATCAAAGC	ATCTTTCCAA
490801	ACCAGAAGTC	TAATTCATGC	TGATAAGATA	AAATCCAGGC	TGACACATAG
490851	GTCCAGTTTA	TGTCTCATGT	TGCCTTCCCC	TTACCACATG	CCTTAGTTGC
490901	TTCTCCTGTT	TCTGTGATAA	GAAACACCCT	GACAAAACCA	ACAGTAAAGG
490951	AAGTATTTAT	TTTGGCTCAG	GGTTCCTAGG	CACAGCTCCT	CCCCCATAAC
491001	ACCCATCATA	ACAGCCAAGG	TGGCTGGAGC	TTGAAGCAGT	TTGTACATTT

491051	GTATCTATAG	TCAGGAAGAA	AGAAAGCAAT	GAAC'TATCAT	GCTCAGC'ICA
491101	CCTT'C'TCTC	TTCCTCCAAT	CCAAAATCCT	AGCCCAGGGA	ATGGTGCCGC
491151	CCACAGTGGG	CAGGTCCTCC	CAC'TTCAGTG	AACCTAATCA	CAGTAGTCTC
491201	CCAGTGTCA	TCTCAGAACT	CCATCTCCCA	GATGATGCTA	GT'TGCATAAT
491251	CT'TTCAAGTT	GACAACTGAG	ATTAACGATC	ACACCACCTT	ACAAGAGATC
491301	TCTT'TCCCTA	TAGT'CCCCCT	AACCAC'TTGC	CGTCCCAAGC	GCATTATGCT
491351	CTTGAGTCTT	CCTGATGGAA	TAACCC'TACC	CACATCCAGC	CTGGGCATAG
491401	GTGTGCACCT	CTCAGAACCG	TCTTAGACCA	CACCTCTGCC	'TTGATACTCC
491451	TCCACACTGG	CCTCCACTGC	AGCTTGGCCC	CTTGGCAGCC	TGTGGTGCCA
491501	CAC'TTCAGCT	CTT'TGATTAA	GCATGCACAC	AGAAGCCAAC	TGTCTGAATT
491551	CAAAATCTAG	TA'TCTGTGAG	ACCTTGGCAA	ACTAGTCTAG	CTCCTGGGCT
491601	TATTTATTGG	CAAAATATGG	GTGCCAACAG	TAGGGGGGGG	GGCTGGAAAG
491651	ATTATGCAAA	GT'TCAGAGAG	CACC'TATGGA	GAAAACCTGA	CCTGTAACCG
491701	TAAGCCGTAT	TAAAGGTATG	CT'TTACC'TT	CTCCTGCCAT	TACT'TGTACT
491751	CTGTTCTTGT	C'TTTT'TTTT	TTTT'TCTTCA	AT'TTTT'CATT	T'TTAATCCTC
491801	AAAGACTT'T	T'TTCTGGT'T	TCCAAATTAT	TCTTGGGGT'T	TTTT'TTGT'TT
491851	GGT'TT'TGCTG	TGGT'TTTT'TT	TTTTTTCTTT	CCATTTAAAG	TGT'TTTGAAT
491901	T'TATGTATCT	GGGTTT'TGAC	TGCATGTATA	TCTGT'GCACC	ATGCGCATAT
491951	CTAGTGATTA	CAGAGTCCAG	AAGAGGGCAT	CAGATCCCCG	GGGACTGGAA
492001	TCATAGATGG	T'TATGAGCTG	CTGGGTAGGT	GCTAGGAATT	ATACCAGGAA
492051	CT'TCTGGAAG	AGCAGCTGGT	CTGGTTAACC	GATGAGCCAT	CTCTCAT'TTT
492101	TAATTT'TTTT	AAATGTTAGC	ACACAAAGCA	ACAGGT'TTCA	CCGTGGTCTT
492151	TT'TCATATAC	CCATTG'TGGG	GC'TGTGGGTG	TAGGGGAAAG	AGAGGGGAGG
492201	GAGAGAACCC	ACGTCCGGCC	AGAGTTCCCTG	TGCTCTGGGC	AGGTGGATGC
492251	GGGAGGACTG	CTAGATGCTT	TCCACTTGGC	CCCTGG'TGGG	CATCTGGCTG
492301	TGTGAAGCCA	CTGACCCAC	ATGGTAGGGG	GTGGACAAGG	GGCAGCCCCT
492351	GATACAATGG	GCCCCAGGGT	GACACTCTCG	GCTCCAGAGA	TACCAAGTGA
492401	GGGCAGAGGA	AGAGAGGTTT	TCATGCAGGT	GAGGGTCCCT	AGTCTGGCCA
492451	GTCCGTGGCT	GGAGCACAGA	AGGCCTTCTG	ATGGGAGATT	AGGCACGGCT
492501	CGT'TAGGAGA	AAGCCTATCC	CATCGTCCAA	GCACAGCGGA	CCTTGATGAA
492551	CAGAGACACT	CTATGGTTTT	AGAGCTTTAT	TGTAGAAAGG	CTAGAGTAGG
492601	AGGGAGAGAG	TAAGAGGGAG	AGAGTAAGGG	GGAGAGAGTA	AGGGGGGGAG
492651	AGTAAGGGGG	AGAGAGTAAG	AGGGGGAGAG	TAAGGGGGAG	AGAGTAAGGG
492701	GGAGAGAGTA	AGAGGGAGAG	AGTAAGAGGG	AGAGAGTAAG	AGGGAGAGAG
492751	TAAGAGGGAG	AGAGTAAGGG	AGAGAGTAAG	GGGGAGAGAA	TAAGGGGGAG
492801	AGAGTAAGGG	GGAAAGAGAG	AAGAGGGAGA	GAGTAAGAGG	GAGTGAGTAA
492851	GGGGGAGAGA	GT'AAGGGGGA	GAGTAAGGAA	AGTAAAAGCT	TAAGAGAGCA
492901	AGGAGGGGCC	AAGCAGCCCC	TATTATAGTG	GGCTGTGTTA	TCTTGCTGTT
492951	GCTAGGTAA	TGGGAGTCTA	GCCTGAAGGT	CAGAAGCTTG	TGACATTATG
493001	TGACTACTAG	CCACATGCTT	CTCCTGTGGG	GGCTGTGGGG	ACGGTAATT'T
493051	TGACAGGAGG	CAGGGGTCCA	GGAGACATGA	GAGAACACCT	TCTGT'TCCAT
493101	GTAGGTGAAA	ACTTCCACCA	CTGGGTTTCA	CTGGGGTTCA	GACCTCAACT
493151	GGACTGGAGA	CCAGACTGTG	TATAGCCCAA	TGACCCACAA	CCCAT'TACTA
493201	CCCTTAAATC	TAATTTGTCC	CCTTCACCCCT	CCTTCATGCC	ATACTCCACA
493251	TTATTT'TCTT	TAAATCGACT	CCCCAAGTCT	CCAAGGCAGA	GTCCACGGAG
493301	TTCT'AGCAGA	TGAGCTGGTT	GTGTCTATAT	AATATAGATT	TAGTAAATG
493351	TATAATTCAT	TAAATAAAAC	CTAGCTGTCT	GCGGCATCTC	CAGCCATTGG
493401	CTCCTCTCCC	TACACATGTG	AAAAAACCCC	ATTTTAGACA	ATGACTCAGC
493451	CATGTGTCCA	TCTGCCAGCA	AAGACTATAT	ACGCTGTGCA	AAGGCAGGCA
493501	CCAAAGGCTG	CCTCGTGTCT	CGGT'TAGCAA	ATAGT'TTATA	AAT'TATCTTG
493551	ACAAATGATA	GCCTTCCATC	GCTGTGCAGT	TGGTGAGCAG	AGGTGGTCTG
493601	GGATACCCAT	CCCCTGTTTC	GGCAGCTGGA	ACAGCCTATG	TGAAGGCCAG
493651	ACAATAACAG	ATGAAAAACT	GCAAAAGCCA	GGGAAGGTGG	TGTGTGTCTG
493701	TGAT'TCCCAA	TTCAGGAGGC	CAAGGTGAGA	AGATCGAGAG	TTCAAAGCTA
493751	GCCTAGGCTA	CATGGCAATA	CTGTATCAAC	AACATTAATG	ATGACAGAAA
493801	AATAGAAGAG	CGAAT'TATC	ACAGTCTCTT	GGGGTAGCCA	GGGTGACCTT
493851	CCTTCC'TGTT	TCCTCTCCTC	CCTCCAACAT	ATGGATGTCT	TTGCTTTTTG
493901	ACAGCAGGTT	AGAAGGGGGT	TTCAGGGTAG	AATGAATCAG	AAACTGGGGG
493951	GAGGGGGGAG	CATCTGATTT	TTAGCAGCAG	CAGCAGCAGC	AACAGCAGCA
494001	GCAGCAGCAG	CC'TTCCACTA	TTCAAAAGC	ACCTGTCCCC	TCCGGCTTGA
494051	AGAAATTAGA	AGCTAATGAT	TTATAT'TGAA	ATCTAACGTC	CTATTTCTTG
494101	CCTCTCT'TTT	GATGGACAGG	TCAGAAAATA	CAGATTGATT	TGAAAGCCTA

494151	GAGCTCTTTTA	AGAAGAGTAG	TAGTTACTCC	TCCGTGAGAC	TC'TAAGAAAT
494201	GAGGGGGGGG	GGGAATTCCA	ACGCCAGGGA	GGGAGCAGGG	TCCTGGAGGA
494251	AAGCCATGCC	TCCTTTCAAA	GGAAACTCTG	ACAACCACTT	CTAATCTGCG
494301	TTCCCTTCCC	CAGCCTTCCA	GACCTCAAAT	TGGCAGAAAA	TAATTTTCCC
494351	CCCTGTGCGA	AT'PAAAACGC	CCTCGAGCTG	CAAGTAGTTA	GATTCTCTGG
494401	ACAGTGGCAC	CGTTCCTGATG	TTATCGGCTG	TC'TTCCTGTT	TTCATGAATA
494451	ATGTATAAGA	AGAAGCAGAT	ATTAACGGTG	GATTC'TTCCA	TGGCTGACGG
494501	TAT'TGCCACC	AGACAAGTC'T	GTGAACCTTC	CACAGTTGAT	TCATCTGTAG
494551	CTCTTACAGG	TCTTCACACT	CTGGGCTGTC	ATGTGCCAAG	AACT'TTGGGA
494601	GGCAGCC'AT	CCCTGCTGTT	TTCTTAGCAG	TAAAAGGAAG	GAAAGGAGAG
494651	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAAG	GAAGGAAGGA	AGGAAGGAGA
494701	AAGGGAAGGG	AAGGGAAGGG	GAGGGGAGAG	GAGGAAGGGG	GTCCCTC'TAGA
494751	GTGCCGAACA	CTAGACAGGG	CAT'TAGACAG	GCCGTGGCAC	TGCAXXXXXX
494801	XXXXXXXXXX	XXXXAAAGGG	AGATCCACGG	GTAAGCGAAT	TCGAGAGCGA
494851	ATAGAAGGAT	ACAAGAGAGC	AT'GTGGAAGA	TGGTGAGCAA	GAAAATGTAG
494901	AAGATGACT'T	G'TGGAGAGTA	ATAAT'AGAAG	AGAGAGATAA	TAGAGTAGGA
494951	GAGCAGAGAA	CAAAGAACTG	AAAAGAGAAT	GCGAG'TGAAG	AGATAAACCA
495001	CGGGAA'TGAA	AGG'TCAAAAG	TTAAGAGGTA	GACAGAAGTG	TCAAAAATGGA
495051	ACAGTGTA'AA	AGGACAACAC	AGTTATA'TTG	CCAGATATGA	CAAGTACACA
495101	GATATA'AAAG	AGAGAAGAGA	AAAGGAAATG	GAATAATGAG	AAAA'TTCGAG
495151	TGGCAAATTA	ACAATA'T'AAA	TTAGACATTG	ATAGGAGAAA	AAAAAAGCGT
495201	TGAAGTGTAC	CAGAGAGGAT	TAAGAAAATG	TAAGAGGTAT	AAGGAAGGAG
495251	AATAGGAAAG	GAGATA'AAAA	AGAAAATCCG	AATACCATAA	AGTGT'TGAAA
495301	TATAGGGAAG	TGTAAAGTAA	AGGAAAGAAG	AAGGTAAAT	GGAGCGCAAA
495351	AACAGAAGGA	GAGCAAATAC	AAGAAAAGGA	CAAGGGAAAG	GGAACAAGAG
495401	ACAGGATAGA	AAGAGCATGG	AAAACCATAA	ACGAGCCCAC	GCCAGACCAG
495451	GACGGGACAA	ACAAAAAAGG	GAGAAAAGAGA	AGGGGAAGAA	AAGGGAAGAA
495501	AGGGAAGGA	AAGCGAAGAA	AGGAAAGGAA	GGGAAGGGAA	GGGGAGGGGA
495551	GGGGAGGGGA	GGGGAGGGGA	CGAGAGGAGA	GGAGAGGAAA	GGAAAGGAAA
495601	GGAAAGGAAA	GGAAAGGAAA	GGAAAGGAAA	GGAAAGGAAA	GGAAAGGAAA
495651	GGAAAGGAAA	GGAAAGGAAA	AGGGGGGAGA	AGAAGAGACA	CCCGCTGTCT
495701	T'TCCTCCTTC	TGTGGTCCCA	CATCTGAGTA	GCCCTGGAGC	TACTGGTGGC
495751	AACAAGTCTG	TGCAGT'TGAT	GTC'TGATGAT	ACCTACATGG	CCTGTATGGG
495801	TCAATCAGTC	CAGCTCTGTA	CCTAAATGCC	TACCCAGAGA	ATGTCCGGCA
495851	TTTTGGGCAA	GCATTTGGGC	AAAGGCTCGA	GTCAGAAGGA	AAGCCATGCC
495901	TAAACCTGCT	CCTTTTCCTA	TCTATGTTCA	CACGTAT'TAT	GTC'TTTGGGA
495951	AGGAAATGAA	AATCTTCCAG	CCCCACATTT	GACTCATCCA	TCCAACATAT
496001	TTGTATTTTC	TGTGATGCTT	CCCACGGGAG	AGCCACACTG	AGATCAGTGA
496051	TTACAGGACG	AAAGCTAGCT	TGTTAAGAAC	ATATAAAGGG	TTAATAAGGA
496101	AGTCAGTACA	GGGGATGCGA	GTGACCGACG	AGCTAGGGTG	CAGAAAGATG
496151	ACAAACTGGG	AGACTGACCG	TGCATTCAAG	GCGCTGGGAA	CAGCATGCAC
496201	AAAGTCTCTC	AGAGAAGTTT	AGGGTGAGCT	GTTAGAGGAA	CCTGAAGATA
496251	GCCCAGAGCC	TGAGGTTCTG	AAATT'TGGCT	TCAACATTCA	ACTTGACCCT
496301	C'TTCCTTGAT	TCTCTGATAC	CCCT'TAGGGA	CTGAAAAGTG	TTTTCATCTTA
496351	GCTTTT'TCCA	CCCACCTGTT	TCCACACCCC	CCCTCACCCCT	CTGAGGCTTA
496401	CAACCTTC'TT	AATGCTGCAA	CCCTT'TAATA	CAGTTCCTCA	TGTCGCGGTG
496451	ACCCTCCTCA	ACCATAAAAT	TACTTTTGT'T	GCTGCTTCAT	AACTGTAATT
496501	TTGCTACTTT	TAGGAATCCT	AAGGTAAATA	TCTGATATGC	AGGATATCTG
496551	ACAGAGACCT	TCTAAGGGGT	CGAGACCCAC	GCTGCTTCAT	GGGCCCCGTC
496601	AACTGCTCCT	TCATGTGGTC	ATTAAAACCA	AACTCTTCTC	ATCATCAGAG
496651	CCTGTCACCT	AGAAAGAACA	CTCCGAATGC	AGTGAGCGTT	TGCTGAGCCC
496701	CGGGTTGAGA	ACCTATAAAG	CATCCTGAAC	GCCCCGCGAG	GCGTCGTGAA
496751	ATAAGT'CACA	ATCGAAGCTC	GGTGAAAATA	GTCACAA'TCC	CCACCACCAC
496801	CACCACACAC	ACACACAGCA	GTGTCAATCCA	GTCAGTCA'AAA	GGGATGGTTC
496851	TCACACTAAT	GATCTTAGAT	ATTTCTCAGA	ATATAACATT	AATCTT'TAAA
496901	AGCAGGATAC	AAAATTCATC	ATAAGGCACA	TTCTCTGTTT	CATGTGGAAA
496951	AAAAAAAATA	TATATATGCA	AAGAAAAAGA	GAAGCAAAGT	CAGCAAGCCG
497001	TCCCTGGCAG	TGGCACTACT	GGGGAC'TTCT	GTGGTTCTTT	TTCATGCTTC
497051	CCTGATTCCCT	CCCCCCACCA	AAATGCCGTTA	ACTAATTGAA	ATAATGGGTG
497101	ATT'GAAATAA	TTTAAT'T'AT	TTGAACATATA	GTCAGGCACT	TAATACATGT
497151	CAGTA'TCATT	TGCAATT'CAG	TGACACACAG	AATATTAATA	CAGTT'TCCCT
497201	CCTAAAGAAA	AGTATTGAAT	TTGGCTGCTT	GGT'TTTAGTG	TGGGGTTGTA

497251	GCTCTTGTTC	TGAGACAGGG	TTTCACGAAT	GTTAGAGAA	GT'TAGACCTT
497301	GAACCTGT'TA	CAGAGCCAAA	GACCACCTTC	ATTTCCCTGAG	CATTGCTGCT
497351	GTGAGCCCCC	TGTCCCCGTC	AGGGAACACT	TTGGGAATTG	TAGTGGGTTA
497401	GCTTGATGCT	GC'TTGTATTA	TAATGCTAAT	ATTGGTCCCC	CAATACTGGT
497451	TGCCCCAGAG	AGGAGAGAGT	CTGCTCATAG	GGTCACTAAG	TGACCCTTCC
497501	CCGATTGGTA	AATAAAAGAT	GTCAACAGCC	AATAGCTGGC	CAGAAGGGAC
497551	ATAGGTGGGG	TTCAGGT'TC	ATGGACT'TGA	GGTCAGAGGA	GAACCCACAGA
497601	GAAGGAGAGA	AGATACAGGA	GGAAGAAGGA	GAAGCCACCA	TGGGT'TAGGT
497651	GAGCCATAAA	AATGTAGCCC	TGAGAT'TTTA	ATAGCATGTA	GGCAGGTATC
497701	CAACCAGCTC	TCTGTCTTTT	TAAGGCTTAT	TGTAAATATA	AAGGCCACGT
497751	GTCTCTTTTT	T'TTTTTTTTC	CAGAACTAA	AGGGTCAAAG	GCAGGGTAGC
497801	AACCC'TGGGT	TGGGATTAAA	AATTTCAACA	ACAGGTAATT	TGTTTTCTTT
497851	TAAGATAAGT	TGCTTTTAA	AAACAAGGGG	TAGGGGCTTG	GTAGATGGCT
497901	CAGCAGTTAA	GAACCTCAGC	TTGTCTTGCC	AATACCTGAG	TAGAGTTCCT
497951	GT'IACCACAC	AAGCTCCAAG	AGTGTCTGAT	GCTTCTGCCC	TTGGTAGGTT
498001	TCTACATTAA	CATGCACGTG	CCCCACCCCT	AACACCCCCC	CCCCACACAC
498051	ACACACACAT	TTAAGACCAG	TTA'TTGAAC	TCC'TGGAAAA	TAAT'TCCAAA
498101	TATGCTCTCT	TCTGCTGACA	CTGGAAGGGC	AAATGCCATC	AAACAGCATC
498151	TTGACAGTCC	CTGCTAAGGA	TGCCAAAGAC	ACATGAGTGT	CCATT'TGTCC
498201	CTTCTCACCA	AGGCAAGAAC	AAGGCCCTTC	CTGTCAGGTC	CTT'TCAACCC
498251	CAGCCTCCGT	CTCCATGGAG	CTGAGAGTTC	TGTGCTGCTT	CGCCT'TGCGC
498301	T'TGCGTTACA	GATTTCA'TCT	CCACTCCCCCT	GCCTGCTCCC	TTTCAGCTCAT
498351	CCCCCACTGC	AGGTACATTT	CTGAGAGAT'I	TCCCCCTAGG	AATGAACCT'I
498401	CCAGGATTCA	GGGTAGAAGC	CCATGCC'TGA	AGCCCAGCTC	TGACTGGCTG
498451	GAT'CCTAACT	GTACCCTGTG	CAGGCAGGGG	CTTGTGATTA	TAC'TACAGAC
498501	AAAGCCAGTG	GGGAAACAGC	AGGAGCCCAA	GGACTCCCGG	GAGCTAAGAG
498551	TGATTGT'TTC	TATGCAAATT	GT'TTTTCATA	GTAGGGAGAT	AACAGGCCAA
498601	TGAAATATAA	GAGCCTGGCA	GAGATTTTTT	TCCTAAACCA	AGTCTGGGGG
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498701	TTAGATT'TAT	TTATTGTGTG	TGT'TGTGTG	TGTGTGTGTCT	GTATGCATGT
498751	ATGTGCATTG	TGTGCGTGTG	CGCGTGCACG	TGTGTGTGTG	TGTGTGTGTG
498801	TGTGTGTGTG	TGTGTGTGTG	CCTGCGAGTG	CAGTACCTGC	AGAAGT'TGGA
498851	AGAGAGCATC	CCATGACCTG	GAACCTGGAGT	GACAGATAGT	TAGTTGTGAG
498901	CCATCAGGTG	GGTGC'TGGGG	ACCAAATTCA	GGTCCCTCTG	AAGAGCCAC
498951	ACTCTTAGCT	GTGGAGCCAC	CTCTCCAGCC	CTAAGCTCAG	CTTGTCTTTA
499001	ACAGGGAAC	GCTGAACGCC	CCATAACCCC	AATCAAGCAG	AACCAAAT'I
499051	GTCTCTAGTG	TGGCTCCTCT	TCCAAGCCTA	GCCTCATCAG	CGACTCT'TTC
499101	TGCTCCGCCA	GCGT'TCAACT	TAGCCTTGAC	TGGAGGGTT'I	CTTTCAGAAT
499151	ATAGTAGTAC	TTTCTGCCAG	GGAAAAC'TGT	TTTAACCAAA	GCATGAGCT'I
499201	AAGTGACAGA	CAGGAGGAGC	AATATTAAGT	CCAA'TCAGTT	AATATTGAGT
499251	TGTCAACTTT	CATA'TGCTAG	GGGGAAACTG	TGTAGAACAT	CAAAACTATA
499301	GGTTTTTTAT	TATTGGC'TAC	GGCGGCCCAA	GCTGTAAAAC	GGGAGTTAAT
499351	GGAGAGCCAG	CAAAGAGAAA	CGCACTAAGT	AAGTCATGAT	ATGCATGCTA
499401	TGTAAATG'TG	ATAAAAATAC	CCGTGAAGTG	GCGCATACAT	ATATGATGTT
499451	TGGAAAACAT	AAGAAGCAAT	TCTGCAACAA	GTCCAAC'TCG	GCTCCTGGGG
499501	AAGGCCCAGA	GAAAAT'TAGC	TGGCTCATGG	AGGGATCTCA	GGCATGGATG
499551	TGTGTGTTGA	ATTCTGGATC	ATCAATCAAT	CTT'TGCACTT	CTGAATCCTG
499601	AAGCCTCCTG	GAGTCTCAGA	TCTAAGTTTA	AAGACGCTAT	ACTTGGTCTC
499651	TGGCAGGGAA	AGGGAC'I'TTG	TTATAACCAT	CGGGAAAAT'I	TACACACACA
499701	CAAAACACACA	CACTCGAAAA	CACATAAAGA	GTCCACTATA	AGAATAAAAA
499751	CTGGGAGCTG	GAGAGATGGC	TCAGAGGTTA	AGAGCACTGA	CTGTTC'TTCC
499801	AGAGGTCC'TG	AGTTCAATTC	CCAGCAACCA	CACAGTGGCT	CACAACCATC
499851	TGCAATGGGA	TCTGATGCCC	TCTTCCGGTG	TGTCTGAAGA	CAGCTACAGT
499901	GTA'CTCATAT	AAGTAAAATA	AATAAGTCT'I	TAAAAAATAA	TAGTAAAAAC
499951	TGT'TCCCTGT	GGCATTGTGT	GCAGAAATGA	GAGGGTGAAG	AAAGGACAGA
500001	GATACATGCT	CAGAAGAACT	GGGGCCGGGC	GGGCTGGCCT	CATTCTGCTG
500051	GATGAAGT'CG	CACCAACAA'T	ACAATAATAA	CCCAGAATCT	CAGACCATGT
500101	ATTATGTACA	GTGCCGGGAA	AGGAG'TTAGC	TGGGCATGGG	AGGAACTGTC
500151	TATGGGCAGC	CATCTCAGGC	TGTGAGCATC	CAGGAGGAGC	AAGCTGCAGC
500201	TGCTCTGATT	GTGCGCATCC	TGGTCAATCC	TTTGTGAACA	CCAATGCTTG
500251	CAC'TAGGACC	AGAGGAAGGC	TTTGTCA'TCC	TTCGGAACCT	CACCCAGGCA
500301	AGGCATTG'CC	AC'TCCTGTGG	GTCTGAGGCA	GTGAGGT'CCT	TGCTGTGGCA

500351	TTGCCATATGT	AGAACAATAC	TCGAGGGTCC	CTCCACTACT	CACAGTCGCC
500401	CCCTGCTGGT	TGCTGTAAC	TTCCTATCT	GACAAAACAA	CCCAAGTTCA
500451	TCCCTAGGCT	GCCGATGCCT	TGTAGCCCTT	TGGCAGGCAG	GAACCTCATG
500501	GAAACCACTA	AATATGTTAG	CTTGACTAAA	ATGTGGGTAG	GGATAAAGAG
500551	GCCTCTTTCC	CCTGTGCACT	ACATTATCAT	GCATAGACCA	CAGTCAAGTA
500601	GTITGGGAGC	AAATGTTTTG	GGTTCAAATC	CAGCCTTTCT	CGTTACCTGT
500651	GTGATCTTAG	GCAAGCCATT	AACCTCTCTG	TGTITGAGTT	GCCTCCTCTG
500701	TAGGATGGAG	ATAGGGCTGT	TTGCTGCATA	AGATAGATTT	TCATATAAAT
500751	TAAATGAGTA	TCTATACACA	AACCACTTAC	AACAGAGCTG	GCACACAGTG
500801	AAGGTTGTAA	AAATGTGACC	TGTTGTATGA	GCAACAATAG	TCTTCCCTCT
500851	TATGAACATA	GATAAAAAATC	TTTTCCCTTA	GACATCATT	ACTCAGCCAT
500901	ATGCCITTTG	CAAAAACCAAT	GAATTGCAGT	CTTTCCCCCT	ATCCTTTCCAAT
500951	AGGAGTCCCC	GAGCTCCATC	CACTATTTAG	CTGTGGGTCT	CTGCATCCGT
501001	CTGGATTAA	TGCTGGGTGG	AGCCTCTCAG	AGGACAGCCA	TGCAAGACAG
501051	GATCTTTCAA	GCATAACAGA	GTATCATTA	TAGTGTGAGA	GATTGGTGTCT
501101	TGCCCATTTGG	ATGGGCTTCA	AGGGGGATTTG	CCCAGGGTGA	GAAGTTCTCA
501151	CCCTCTCAGA	GGAGAATGGG	ATCTGATGCC	CTCTTCCCGT	GTGTCTGAAG
501201	ACAGCTACAG	TGTACTCATA	TAAGTAAAT	AAATAAGTCT	TTTAAAAAAA
501251	TAGTAAAAAC	TGTTCCCTGT	GCCATTATGT	GCAGAAATGA	GAGGGTGAAG
501301	AAAGGACAGA	GACACATGCT	CAGAAGAACT	GGGGCCAGGC	AGACTGGCCT
501351	CATCTCTGCTG	GATGAGAAGG	ATTATGGGAG	GGAGTAACTA	GGAGGGGGGC
501401	AGGGAGCAGG	ATGCAAAAGT	AAAAGAAAAA	AGTATATACT	ACTCATGTGT
501451	GAAACCTAAA	AATAAAATAA	TGTTAAAAAA	AAAAAAGATA	AAATAAGTCC
501501	AGCCATTTGCA	GTAAGCCCTG	GAAATAAGAA	AACCTCTTTC	TCCITTAAGTT
501551	CCCTACTGAG	TAGGGTTGGG	GGCTGGGCAAT	AAGAGGTTGT	CGCTCAGCAA
501601	GCTCTGCCAA	AAGAGAAAGT	TTTCTGTCCC	TGGTTGATTT	GGAATTTGAG
501651	GAAACACTAA	GCAAAACACCA	TATGACAGTT	ATGAAGTTA	AATGAAGCAA
501701	AACTTGTGTG	ACAATGTCTG	AAACAAATGG	GAGCCTTGCA	GAGAACAAAT
501751	AATTAGAATC	CTGTACAGAC	CAGTACATAA	ACTTCGGCTC	CCAAACGGTC
501801	GGGGGGGGGG	GCAGTTGAGG	CTTGGAAAGT	CTACCCCTGC	CGTGGAGCAG
501851	AGTCTTGGCT	GAAGTCCAGA	AGAATGGAAT	CCTGGTAGAA	GCTTCCAGAA
501901	GAGAAACGAC	CAAGGACATG	TGAGTTACAC	TCCGATACAC	ATCATGTTTG
501951	AGGAAGCAGC	GGCTGTGGAT	AGAACTGGA	AAAATCCATC	CAGGTTTACA
502001	GCCATTGGAA	TCCGGCTACT	TCTCTTTGTG	AAAACCTTAAG	TCACCTGATG
502051	TCAGCTTACC	TAAGTTGTCC	TAACCTATGG	TATATTTCTG	TAACCTCCTT
502101	TGGGTCTGTT	AGCAAAACCA	GGGCAACATG	GTGTACCTGC	TAAGTGGCCA
502151	CTATCAGAAG	GCACACATCC	AAGGGCAGTC	ACTTAGCTCT	CGTCAGGGAG
502201	AATTAACCTCC	TGAGGTGGCT	ACACTTCCTT	CCACAGAGGA	TATGTCAATC
502251	AACAGACAGC	GCTTCTTTTT	ATTTGTAAAT	GAGTACCAAC	GTITGTTTTT
502301	ATTGCTGAAA	TTAATGCCTT	GTCAATTAGC	AAGCTACATG	TTAGAAAAATG
502351	ACTCATTAATA	GATAAGTCAA	GATGTGTGGT	TGGCTCAAAA	TGGCTGAGAG
502401	TAGATAACGC	CTCCTCCCCA	ACACACACTT	TTGGAACCAAC	AGGGAATAAG
502451	AATGAGGTTA	GGCCTCTGAG	GTGGTGCCCA	GTGTTTAATG	ACTCCTCCAT
502501	TTGCCTTGAG	AAATGTTTTT	TTGTGTGCTG	CCCATCAGGG	TCCAGGGTCT
502551	AACCTCACAG	AGTTTTTCTG	TAAGTAGTCT	TTTGTCTCTG	GTATTAACGC
502601	ATAGAAAAGG	CCAGAGATAC	AGAGCTTTAC	CCAGTCTGCA	GCCCCCTTAT
502651	ATGCTCCTGT	GGCTCATTA	TTGCTACCTA	CAACTACAAG	TGAGGGAGAA
502701	GGCAGCTTGT	TCGTTGTCTT	CAATTCCACT	AGGCCCTACA	GCTGTAGGAA
502751	TGTTCTAGTA	CCTCAAGCTG	TCTCCTGGCT	GTGCTACTC	TCCAAAAGAA
502801	AATGCAGTGT	GTGACTGACC	TAGACTAGTT	GGATTCTCAA	GCTAGAAGTT
502851	CATGGAATCC	AGTCTTAGCT	TGCTCTGGTG	TGTGTGTGTG	GTGTGTGTGT
502901	GCTCATGTTT	GAGGGGTGTG	GACTTATGCA	CAGCACATCA	ATAGATTCCA
502951	AAAGATAGCC	TCAGATATTA	TTTCTCGATG	TCTTCCATCT	TCCTTTGAGA
503001	CAGGGTCTCT	CATTGGCCCTG	GAACCTGACC	ACGTATACCA	GGTTCAGTAG
503051	CCTGTGTGCA	TCCAGAGATC	TTCTGTCTC	TACCTCTCCT	TTCTGTCTAC
503101	TAGGACTACA	GGTGTCTCTG	AAAGAGGTTG	CTTCGTTTTG	CAGGTTATGG
503151	TGATCCAAGC	TCAGATCTCC	ATATTATGT	GCAAGTATTG	TACAAACTCA
503201	GGGATGTTCC	TGGCCCCAGT	TCTTGACTTT	TGTGTATGCG	TACATGTCCC
503251	AAATAAGCTT	GCCCTTCTTT	AAGTTGTTT	GCCTTGTGCC	TTGTTACAAT
503301	AGCAAAAAGA	GTACCCCAT	TGAGGGAAGA	AAATGGTGT	ACTTAGCCAT
503351	CCCCCTCCC	AACCCCCCCC	CCTCCCGCAG	GGATGGCTAG	GTGTAGTGAC
503401	AACCTTTGAA	TCTTGGTTTC	TTTTAAAAAA	CATGGAAATA	TTATAACAAT

503451	ATGTTCTCGT	TTTAATCCCG	GGTGAGGATA	AGAGGCTGCT	TCACAGCAGC
503501	TGACTGTGAT	TTGCCTCATG	CTCTAGCAGG	GGTGTGATCT	TGCCAGAGGC
503551	AGATAGTTTC	TACAATTGTC	TAATGTTTGG	AA'TCTGGGC	CCCACGAGAG
503601	GTTGCAGGGG	GCGGGGGGGG	GGGGTAGTAT	TTGCTGGTTG	CTGTTGGT'TG
503651	TGGTAGGTTG	CTG'TTTTTAA	GTAGTGATGC	ACAAAGAAGA	AGCAACAAGA
503701	AGAAA'TTAGA	TATCCCAATG	GTAAAGATCA	AACTT'ACCCC	CAAGGAACTC
503751	GACGCC'TATA	ATCAGCAGGA	AGCAGTCTAC	CAATAATGTT	ACCC'CT'TTT
503801	GACCTC'IGAC	TTTAT'TTGGG	AATCTCT'TTC	CT'TTTCTCTA	T'TAT'TT'TTCA
503851	CTCTTATCTA	GGGTTAGGGG	GCTGAAGGGT	GGAGGAGGAT	GGAAGAAAGA
503901	AGAACCCACA	AAGTCGCAAA	AGGCAGCTTC	AGACGGGAGC	TTAGCACACT'
503951	GGCAATAAAG	CACCAAATGA	CGCACGGGAC	ACTGAT'TTGG	GGTCAAATTT'
504001	GGAAAAACCA	CGATTCTTGG	TTAGAAACTG	AGAACAACAG	AAGAGAGGAA
504051	CCATAGTCAT	CCCTGATGGA	CTGACCCTTG	GCTTA'ACTGT	GCCAGCAACA
504101	GAACAGTGTG	GATA'TAGCAA	AGCATCTGTT	ACTCTT'TAGT	GTTGTAGAAG
504151	CCAGAATGGG	T'TAAAGGCGT	TGCAGGTTGT	CTGCT'I'CTCA	GGGCTCTGAT
504201	GGCCTGT'CCT	GACACATCTT	ATATTC'TAAC	TGCATTATAG	CTTCTACATC
504251	CGGAGTCTTA	TAAAT'TGTCT	TCTTGTCCCTT	TTCC'TTAA'I'T	CCAGGGTCTC
504301	TCTTAGT'GAC	GTAAGCTGGC	CTGGAA'I'CCC	TGGAACCCAC	AGCAATCGGG
504351	CTTCTGTCTT	GGAAGT'AGTG	GGAT'TGCAGG	CTTGCTGCAC	CACCAT'GCCT'
504401	GGC'TACACAT	C'I'CCCTCTGA	TAGGAACTTT	ATCCT'TTGCC	CAGCTCCAAA
504451	GGGCAGCTTC	TTCTTTCTTC	T'I'TTTCTCT'	TCTTCTCT'IT	CTTCTCTTTC
504501	TTCTTCTTCT	TCTTCTTCTT	CTTCTTCT'IC	TTCTTCTTCT	TCTTCTTCTT
504551	CTTCTTCT'IC	TTCTTCTTCT	TCTTCTTCTC	CTCCTCC'TCC	TCC'TCCTCCT
504601	CCTCCTCCTT	CCTCT'CCCCT	CTCCCCCTCTC	CTTCCCCCTC	I'CCTCTC'TCC
504651	CCTCTTCTTC	TCTCT'CCCCT	CTCCCCCTCTC	CTTCCCCCTC	CCCTCTCCAC
504701	CCTCTCCTCT	CTCCCCCTCTC	CCCCCTCTCC	TCTCT'CCCCT	CTCCCCCTCT
504751	TCCTCCCCCTC	TCCCTCTCCT	CTCCT'I'CTT	CTCCTTATTA	TTAT'TATTAA
504801	TCAATCATAT	ATATGCATGT	GTGTTTATGG	AAGAATATGT	GCATTTGTGT
504851	GCACGTTTCT	GGGAGGCCAG	GAAAGGGTGT	TGGATGCCT'I'	AGA'ACTGGAG
504901	TCACAGATAT	GTTGAACTGA	GTACTGGACA	CTGAACTTGG	GTTCTCTGTA
504951	AGAGTAGCAT	GTGCTTGT'AG	CCACTAAATC	ATCTCTCCAG	TCCCTAGAGC
505001	AGTGG'I'TTTC	AACCTGTGGG	T'CATGACTCC	TTTGGAGCCA	TCACATACCA
505051	GATGTTTACA	TTATGG'I'TTA	TAACAGGAGC	AAAATTACAG	TTATGAAGTA
505101	GCAATGAAAT	AACTTTAT'GC	CTGTGGTCAC	CACAACATGA	GGA'ACTGGAT
505151	TAAAGGGTCG	CAGCATTGGG	AAGATGGGAA	CCATTGCTGT	AGAGAAAGGT
505201	G'TCTCTATGT	CTATATGTCT	ATCCTACACA	TAGACAGTAC	GGGAGGACTG
505251	TTCTATGGTC	TTTATGAATG	AAAGAAGCCA	ACCT'I'CTTCA	TTTACAT'TTC
505301	AGTTAAATTA	ATT'I'GCATAT	TCT'TTTGCTG	AGTTGTCTGA	TTGAGCACAA
505351	GTCAGGTAA	TGGCTCTCAA	TCGTGTCCCT	CTGAAT'TAGT	GGCACATGTA
505401	TATTCCCAAG	CCAGAAGCAG	GGATGAAGAT	ACACTCCTGT	AATCTCAGCA
505451	CATGGGAGGC	AGAGGCAGGA	GGATCAAGAG	GTAAAGGCTA	ACCTGGACTG
505501	CAGAGGAGAC	ACTGTTTCTG	AAAATAAAAG	CCACTGTATC	ATTATGGT'T
505551	GCATACGGTA	CCACACTGGC	TAATGTCTAG	GCTGGCTCCA	TTTCTTGGGT
505601	ATTGTGAACA	GTACAGCAAA	CACGAATGCG	GCAGTTTCTC	TGTGGTATGT
505651	TGACTTAGAG	TTCT'TTGGGA	AGACTCTCAA	GTAGTATATA	AAGAGATTGT
505701	GGTAGATATC	CACAATGGAG	CTTCATACAG	C'TGTAAAGAA	AAATGAAGTC
505751	ATTGCGTTTG	CAAGAAAATG	AATGGAAC'TG	ACGATCATTA	TGGTAAGCAA
505801	AGCAATCCAG	ACTTAGAAAA	ACAAATAT'CA	TGTGTT'TTCT	TTTATATGTG
505851	AAACCTAGAC	T'TAAAATTGT	GTGTGTGTGT	GTG'TGCGCGC	GCGCGCAGTG
505901	TGACAAA'ACT	AGAAAATATGA	AAAGGAGGAA	AGAGATCTTA	AGGAAGGGGA
505951	GGAAGAGGAA	TGGGACGTGT	ATGTGGAAGC	AGAACGTAAC	TCT'TTGCAGG
506001	AAGGAAAGGA	AGGAAGTGGG	CAAGGGGCCT	AGGGGAAAGA	TGGAGGCGGG
506051	AGGGAATGAA	TGAGAAGGAA	GTGTATGCCA	CACGTGTATG	AAAACGTCTC
506101	AGCGAAACCA	GTTATTTACT	ATATTGACCT	AAAACATTCA	T'TTAAAAAA
506151	CGATTACAAA	ACCAAGCAAA	CAACAAA'ACT	CCACATACAT	TGCAGACCGC
506201	ATCC'I'CTGAG	AAGCGCTGTT	GGGAGTGCGC	GTGCGCAGTT	TTCAAAGCTT
506251	TCCCAGATGA	TTTCAGGGCT	GAGAGCTGAG	AGCGGGGTAT	GATGGGCTGG
506301	AGCCCCACAT	ACT'TTCTCGT	CCCTGGCTTTT	TCC'I'ACACAC	TGGTCTTCCA
506351	GTAACAGCTA	GAGAGGGCCT	GCCCTACT'TT	AGTGAGTTTA	GGTTCAAGAG
506401	C'TTGTGTGAA	CGGGTTTTGA	AACCTAACCT	ATATAGT'TTC	AGAGGAGGAT
506451	CTGGTAGCCA	GCAGTCAGGC	CCCACCTGCG	AAGGGGCCTT	GTGTGACATT
506501	TCCACACGGG	TGCACATGGT	CTGCTCGCTG	CAA'I'CCCTCC	ATGCTAAAAA



506551	TGGGAAGAGA	GTAGGTGGAG	CTCAAAATAC	TTTAAGTGCA	GAGGTGTGGG
506601	CAGCTTCCAT	GTAGCTAGGT	AATTCTGGAC	AAATGAAAGC	TTGTCTCCGT
506651	GCAGCTACAT	T'TATT'TCCAA	AGAGCTGGTG	ATAT'TCCCCC	CAGGAATACA
506701	TTCATT'TCAC	TCTCAGT'TTT	ATCTGC'TTTG	AGATCTTTAG	ACCATGGGAT
506751	TAGGGAACCC	CCAGGCAGGA	AGCAAGAGGC	AGAAGAACGG	GAGCTATTTA
506801	TCCTTGCCTC	AGAGTTAACG	CTGGGAGAAA	CTGAAAGCCT	TTTGAATATG
506851	GGAGATAAAA	TGCAAGAAAA	ATACTACCTT	GGTCTCAACA	TCAAACAACA
506901	AACACACACA	TGCACGCATG	TGCACAGACA	CATACTCACC	CCAGTAAAGT
506951	GCCTAGGTTT	TGGCTACTAT	AGAACCCTCA	CTATACATAA	ATAACAGATA
507001	TACATAAATA	TTCCAAGATG	TTGATAAAGT	CTTCTTTAGA	ATACAAGGGT
507051	TTTATATCAG	ATCTGTTTGT	TTCTGTGCAG	TACAACCTCAT	TCACTCTGGA
507101	CATCACAAAT	TGGCTACAGC	AGAAAAATGC	ATTAAGAATT	ATGATTT'TTA
507151	TCAATACACA	TGTGT'TATAA	TTTATATTAT	ATTATAAATA	TATTTAAATA
507201	ATTATACATT	TGAAAA'ATT	AAA'TATATTA	GAATTAATAT	A'IAAATGTAT
507251	ACATATATAT	GCATAAAGAC	ATAGGAATAA	GCTAAGC'TTT	TCCAGCTCTG
507301	A'TTAAGCTAT	T'TTGAAC'TTC	TTAAAAACTC	AACAAACACA	TAC'TCCT'CCT
507351	TAAGACAAGG	GT'TTTCAAAC	TGTAAC'TCTG	TCTTAGGGTT	TTACTGCTGT
507401	GAACAGACAC	CATGACCAAG	GCAAGTCTTA	TAAAGGACAT	CTAATTGGGG
507451	CTGGCTTACA	GGTTCAGAGA	TTCAGTCCA'T	TATCATCAAG	GCAGGAACAT
507501	GGCAGCATCC	ATGCAGGCAT	GGTGCAGGAG	GAGCTGAGAG	TTCTACATCT
507551	TCATTTTGAG	GCAGCTGGTA	GAAGATTGAC	TTCCAGGCAG	CTAGCGTGAG
507601	GGTCTT'ATGC	CCACACCCAC	AGTAACACAC	TTCATTCAAC	AAGGCCACAC
507651	TTCCTAA'TGG	TGCCACTCCC	TGGGCCAAGC	ATATACAAAC	CATCACAAC
507701	TCCTACCAGT	ACTGCCATCT	GAAGTAGGTG	TAGGAATCTA	ATCCCAGACC
507751	TAGAGAGCTG	GAGCAGAC'TG	GGCAAGGATG	AAGAGTGCAT	TTGAAGCAAG
507801	CAT'TTCAGCC	ACCACCAAGA	ACACTGCCCT	AGAGGTGCAC	ACATGTGAGC
507851	GTTAGTCAGA	AACATCCACA	TGCCCTTGAC	TGAACCAACC	ATGGGGGGTC
507901	ATCACCTCTT	CCCTAAGCTT	GGCTGGGATG	CCTCGTGGCA	GAAGGCACGG
507951	TGTGAAAGGA	ACTCCAGAGC	TCATGTCTGT	TTTCTTGGCA	AGTTACAGGT
508001	GTGGGTGCCA	T'TGAAGTTCA	TATCAGGGTG	GGAT'TTCTGA	CAGGGCTACC
508051	CCGGTACGAT	TGTGTGAGTG	GAGCACTACA	CCAGGTCATC	CTATCTGAAG
508101	AGCCATCATT	TAATGTAAAT	AGAGTCAGCT	TGCGTGT'TTA	TTATGACAGT
508151	TTTCTCCAGA	TGGCTGCAAT	GTATCATAT'T	CTGAATCGGT	CCGTGATAAT
508201	GAT'TTCCCAA	CAGATGTATG	CGTGGT'GAGA	GGGTGGGGGT	CCTCAGTGGG
508251	GGGAGGGGCA	CT'TTGGGCTG	GCTGTAGCTG	ATTCTGGTTC	TGGTCCACTG
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508351	ATAAATCCGG	GCAGCGGCAC	ATTCTTCGCT	ACCCACTGCA	GTGTTCTGGG
508401	TTCCTGAATG	AAAGATACAC	ACACACACAC	ACACACACAC	ACACACACAC
508451	ACACACACAC	CCTTTATAT'T	TTAATATGCC	TTATGTAGCC	CAATAGCTGG
508501	GCCACTTCCT	AACCTCCATG	TGGCTAATCC	ACTTCCCTCT	GATAACCCCG
508551	AGTTATCATT	TATTTTATTC	TGTAT'TCTAC	CTTGGCTGCC	TTGGACCCAG
508601	TTGGGCGGCC	CTCCTGGGCC	ACACTCTCCT	GGCTCTTAAA	TGTTGGCCAT
508651	GCCTCTCTGT	CTTGCATCTT	CTCAGATGTA	GTATCTCTTC	TCCCAGCGTG
508701	GCAGATCTCT	T'TGCTTTCTC	TTTGTCCCTA	GCTGGGGGAA	TCCTCTGCCC
508751	TGCCCAGCCA	TTGGCTATTG	ACATCT'TTAT	TTACCAATCA	GAACCAAC'TG
508801	GGAACCAGGC	CCCTGAATAT	CCTATTCC'TA	GACACTGGAT	TGAACAGTTT
508851	TAAGAGGTCT	AAATTTACAT	AAGCATACAA	GCAGCTACAA	AGTT'TCCTGC
508901	TGGGGAAAGG	GCTTCCCGAC	TTGAGT'TAAG	TTTCACAAGG	CAGGT'TACCT
508951	ACCTTTCTAT	AAATGAGTAA	GACGTGAGGC	CTTGCCCGGG	TT'TGGGGAGT
509001	TTTAAGTACA	GCATAAAAGT	TTATATGAAA	GGGTTCAGGA	AAGCAACCCA
509051	TCATGCTTAG	CT'T'TTTATCA	ACTCGATGAC	ACGTGT'TAGA	ACCATCTGAG
509101	AAGAGGGACT	CCAGAAAGTA	CCTCCTTATG	TTTGGCCTGT	TCACAAGCCT
509151	TGGGGGGCAG	GGGAGGCGTT	TCCCTTGATTA	ATGACTGATG	TGGGAGGGCC
509201	AAGCTCACTG	TGGGCGGTGC	CACCCCTGGG	TTCTGGGTTG	TACTAGAAAA
509251	CAAAC'TGAGT	GAGCCAATAA	GCTCTCCTCC	ATGGCCTGTG	CTTTAGAGCT
509301	TATCTCCAGG	TGCCCACCTT	GAGTTCCTAG	CTGACTTCGC	TCCATGATGG
509351	CATGTGACCT	AAGAGTTACA	CAC'TGACAGC	AGCCCTTTCC	TCCCTACGGA
509401	GCTCATGGTG	T'TTTATCACA	GCAATAGGAG	TTCCGACTAA	GACACCACCT
509451	GAGCACCAGT	CTTCCATTCC	TCCACTGTGT	GGCATAGTCC	CATGACGTCA
509501	TGATCCCATG	ACACCGCTCA	GCTTGCAGAG	GGGG'TTGACT	CTGGTCACCA
509551	GCTTCCCTCCT	AATGTGCTCG	AACTGGACTT	CCCAGGAAAT	CTGACCTTCT
509601	GTTT'TTTT'TT	TTT'TTCTTTT	CTACCAC'TTA	TGACCAATTT	AACAAATAAT

509651	ACAGGCCATC	TCTCTGTATC	ATCACCCCTGG	CTGTCTAAAC	CCTACTTGGG
509701	GATCTTGCAG	TACTGTTTCAT	CACCCCCAAA	ATGTTGAGAT	TTAAGCATAT
509751	GTTCCCTTATC	TCCCTCTAAAA	GACACAAAAA	GAAACATTTT	TTT'TAGAGAA
509801	AAGGTAGTGG	GTTCTGAAAT	TTCCCTCCTTC	CTCCCTCTTG	CCCCCCCCC
509851	CCCCCAGCCT	CACTGACCCC	CTGGCAGCTG	TCAGGGTGAC	TTCTCCCCGC
509901	ATCTTTACTT	CTCTTTGCAA	GCTTGGGGAG	AAAGAGGAAG	TATAGGGACG
509951	GGTGGGAGTG	GTGGCGCTGC	TCAAAGATCT	TCTGGAGGTA	AGCCACCTAG
510001	ACCCTACAAT	TCCTGAAAGA	ACCAGGAGAG	CACACAGCCC	AACAGGTCTG
510051	TTGGGAGCCA	CACGCTTTGC	CCGGTGCTGA	CGGCTTCTTA	AAGACATACG
510101	TCACAGAACA	AGAAGATGAC	ATGTTGACTG	AAGGTGACTG	TAACAGGAGT
510151	CTGATATGTT	CCTTTACTCC	GTCTG'GTGC	AACACGTGTG	GAT'TCCT'TTA
510201	CTGAGCACGC	ACTATGATCC	AGCCCTTTTG	GCCAGGCTTT	GTGGCTGATC
510251	GGTGAGCACA	TCGCTCGCTC	CCCTTCTGGG	GTGAGTGAAA	CAGCAGTAGA
510301	GACCTTCAGT	AGTTAGCCTG	GCAAGTTCTT	TGAGCAACTC	CGCACACTAT
510351	GGAGTGCTCT	GTGGGTAAAG	ACTGTCACAG	GGAGAGGTCC	GAGTGAGAAG
510401	GAAAGGCTGC	TTGAGATCCT	GAGCCGGAAC	AGGCAGGTCT	ACGCAGGATG
510451	TTTCAGTTGA	TCGCAGCAGG	AGAGGGACTA	GAACACT'GAA	CTGAAAATCA
510501	GGACGTAAGT	GCCTACCTGT	TTCC'TGT'TT	CCAGCTCCCC	TGGTGTCTCT
510551	TCATCTCCTT	TGCTGTTTCT	ACTGGCAAAT	GAGAAGCACT	GAGTGCCATG
510601	CCCGACACAG	GTAATGGCTC	ACACTTCCCTG	AGTGCCCGGG	GCTTGCCTGA
510651	GTGTGTTGTT	ATCTGCGCTA	ATTCCTTGAA	TCTTCTCAA	TTCCCCAGGA
510701	AAGGGCAAGC	AAGGTTTGGG	TCTCCGTGGA	ACAGATGAAG	ATACTATACA
510751	AAACACAAAG	CAATCTGAAG	CTCAGAACTG	GTCACCTGAT	GATGGATAGT
510801	ATCCTGGTCC	TACTTAGTGT	CTCAGTTAGG	GTTTTCATTG	CTGTGAAGAG
510851	ACACCATGAC	CAAGGCAACT	CTTGT'TAGGG	ACAACATTTA	ATTGGGGCTG
510901	GCTAACAGTT	TTCAGAAGAT	CCGTCCGCTA	TCATCATGTT	GAGAAGCATG
510951	GCAGCAGGTC	AGCAGACACG	GTGCTGGAGA	AGGAGCTGGG	AAGTCTACAT
511001	CTTGATCCGA	AGGCAACCAG	AAGAGGAGAC	TCCCTCTACA	GGAAGCCAGC
511051	AGCCTGAGCA	TAGGGCCTCA	AAGCCCACTT	AGCAAGTGTT	TGTTGAGAAC
511101	CCACTAAGTG	CTCGACCTGA	CTGTTGAGCC	AAGACACAAG	CTTCACACAT
511151	TCAAAGTCAA	ATGAAAAGTT	CAGTAGACCA	GTGCTTGGGG	GGGTGGGGTG
511201	GGGGACCACC	GGCCAAACAG	ACAATGACTC	TGAAGGTATG	TTCTTAGAT'T
511251	TAGTTCACTG	TTTGAAAAGT	GAGCATTCAA	AGTCATA'TTT	TCTTATAACT
511301	GTTTCATGTG	TACATGCCAT	TATCCTTTCT	TCTTATCTCT	CTCCTCCAT
511351	CCCTTTTGCT	CCTCCTTTGC	TGGGCTCAT'T	TTTTTTCCTAA	ATAAAGTCGG
511401	TAGCTGGCCA	ATGGCAGAAT	TTGTTGT'TCT	TTTAAATCTA	AATTGTCTGA
511451	GAGAGATGTC	TCCCCCCTAA	GTAAC'TTGAT	TTCTTCTCAA	TTATCTATGG
511501	TTTTAT'TGTA	GTTT'TTCTAT	TGTCAAATGG	GT'TTTTAATC	TTTTGT'TAAA
511551	ATTTTTTTTA	AATTATATGT	CTGTGTAGCT	GTGGGCATGT	GAGTGCAGTA
511601	CCAGAAATGG	CCAGAAGAGG	GCACTAGAAC	ACTGGAGCTG	AAGTTGCAGG
511651	CAGCTGTATG	CTGGGAACCT	AAC'TGGGTC	CTCTTCAAGA	GCAGTATGGG
511701	TTCTTCTCAA	ATCGTCTCCC	CTGACCTAG	GTTTTAATTT	TTTAAAATTA
511751	CAGATAAAAA	ACCTAGTCGC	TGAAAGCAT'T	CCTAATAATC	AGAATAGTAA
511801	CCGT'TGCAGA	GAATTCATGC	CTGACAGGCT	TCTCAGTTGA	GAAAGAAGTG
511851	GGTTTTTCCTC	ACAATAAGAC	ACTGACCTGC	ATTTCCCTAGC	AGAGCTGGGG
511901	CTCTTGCCCC	TCCCACCTCCC	GCCTTTT'TCA	TTCCATTCAG	AGTGGTCCCTA
511951	AAATAAACAG	GGAGAAGGGG	GCCTGCCCCG	CACT'CCCCTA	AGCGACCGGC
512001	CTCGTCAGTT	ATGATTACAG	CTCTGTATTT	GTTTTTCAA	AAGATGAAAA
512051	ATCACAGGAG	TTCCCTTATTT	GAATTTTAAT	AGGACAGCAT	TTTCCCCATC
512101	GCCTGAGAGT	GATTTTGTGC	GGTAAGCAGG	CAGCCTCTCC	AGGCAGAGTT
512151	TGATTTCCCT	CTTCCTAAAT	CATTTCTTTT	GTCTGAAGTC	GTGCATGCCC
512201	GCACCCGAGG	AGGCAAGAAC	ACCACGAGAG	AGATTTGTGAA	AGATCAAAAT
512251	ATTCAGTGTT	TGAGCAGCAT	AGTCTACGGT	AAGTCCCGGG	GGTGGACCTT
512301	CTCCCTGCAG	CCCCTGCACC	GGACCTTTTC	TTTTATCTTC	CTGTAGCTGA
512351	ACCTGTCTCC	TCATCCTCAA	TCATGTTTGG	CGAGTGCTTT	ACCAGTAAAC
512401	TGAGCCCCCA	ACCC'TTT'TG	GGAGACAAGG	TCTTACCAAG	T'TGGCTAAGC
512451	AGGCTCTGAAG	CTCTCCAGAT	CATCTACCAT	AGTCTCCTAA	TTGGCTGAGA
512501	TTTCAGGCCT	GAAACAGAAA	ACCCACACAAC	AATTACTTTC	TTTCTTTGAG
512551	ACAGTCTCTC	CACAGATCCC	ATTGCTGGCT	TTGAAGTCA'T	CCCCCTGCCT
512601	CAACCCCTCC	AGGGCTGGGA	TACAGATGT	GCACCACCAC	GCCTAGCTCA
512651	ATACTACTAT	TTTGT'TTGGT	TGATTATGCT	GGAGTCTCAT	G'TAGCCGGGG
512701	CTAACCCCCA	AGTCGAAGGA	TAACCAGGAA	CTCCTTATGT	CCCTGCC'TCT

512751	ATCTCTCAAG	TGCTGGAGAG	ACAGCCTGTG	GCACCATGCC	CTGGAGAACA
512801	TGCTTTTTTAA	GGAGCAGACT	GTAAGTTGCC	ACATGATTAT	GTGAGTAGTA
512851	GCTAGGGTAC	GACATCCTGA	GCTATTAGTG	GCAGGAGTCA	CAGACTGGCT
512901	CTAGTATTCC	ATATGGACAC	CATGTGGTAG	TGGGACTTTG	GGACAGCAGT
512951	AGTTAGTTTA	GCTCTGTGAA	CTCTGATAGT	TTAAAAAAA	AATAACATCT
513001	CTATCTCCTG	GAACATATGCC	AGCTGGGGTT	GATGTCAACT	TGCCACAGAT
513051	TAGAGTCACC	AGGGTAGGGA	GACTCACCTA	TAGAAGTGTC	CCGATTAACA
513101	TGAGAGATGT	AGGGAGACCC	ACACGATCTT	GGGCCACACC	TTCTGGTAGC
513151	ATCCACATA	AGAAGAGCAT	GGCAGGAGGG	CAGCTGTGCT	TTCGATTCCCT
513201	GGCCTTCCCT	CTTCCCTCTGA	GATCGTCCGC	CCTGTGTGCTG	CTTCTGTTGC
513251	TGCTACTGTT	GCCCCCTTCCC	TGGCTGCAGA	ATCAGCGTTT	CCAAACTCTC
513301	ATCGTGGACT	AAGAACCAGG	AGCTCCCCAG	GTGCTTGCAG	TCATTTGGTG
513351	CCAGATTGGA	AGTGCTGAAG	GACCCAGCTC	TATGGTTGTT	GGCCCCCTGT
513401	CCCAACCCCTA	GCAAAGTGACA	GCCATTAGGG	GGACTCCTCC	AATGGCTGAG
513451	ACACACAGCC	TCCAGGACCA	AGGAACACT	AGATCTCAGC	TCTCAGGTGG
513501	GCTTCTGTTG	TTGAATTTTCA	AAGCTGACTT	AATAACTTTG	TGTGTGTGTG
513551	TGTCTGTCTG	TCTGTCCATC	TCATAGGTCC	TAATCCTCTA	GAGAACCTTG
513601	ACTAATACAG	TAACCACCAA	CTGAAATTTA	GCATGTCCTC	CAATTAACAA
513651	TGTAGGCGAG	AAATTGGCAC	AGGTGCAAGG	CACAGTAGCA	CCGTGACTTT
513701	GTTTACCAGAA	CGAATCTTCT	TCTCAGGTCA	TGTGAGCTGT	GGCAGATTTT
513751	AAGGGGTACT	ACATGCTTGC	TACCTTGGAT	CGGCACTAAG	AATTATCTCG
513801	GCTGCTAGAT	CTCTTGTITAC	TTACTGTTGC	TATAGAAGCA	CAGATGTCCC
513851	CATGCCATGA	TGTGTGTGCT	TTGTGTGTGT	GTGTCTGTGT	GTGTGTGTGT
513901	GTGTGTGTGC	ATGCACACGA	CTGTGCTGTG	CTTTCCTACG	CATGCGTACG
513951	TGGACACCAG	AGCTCATCTT	TGGATTGCCT	TCTCTTTTTC	CCTTTACCTT
514001	TCTTGTITGAC	ACTTGAGTTT	CTCATTGAAT	CTAGTGTITG	TGTTCACCTT
514051	AGACAGATGG	GACACGGAGC	CCTGGGGATT	TTACCAGCCT	GTITAGAGAGG
514101	GGCCCATGCT	CCCCTAACCTG	TTAAAGACCT	CTTAGGAGAC	TCAGGATAGT
514151	CCCCTGCAA	AATCAGATCT	TCCATACAGC	AAAAAGACCT	ACAGAAGGAT
514201	CCATTTAGTG	CCCGCCCTTG	TGGCTTTAGT	CACCTCTTTT	CCTCTTAACA
514251	AAAATCTCAA	ATGCAGTCCA	CTTGTGAAAT	CATCATTTGA	TCTTTTAATG
514301	CCCGGTTAAA	ACGGGATCAG	CTTTGAGCTA	TTCAAGAGCT	TTCATCTCTC
514351	GCAACGAATT	AGCAAGGATC	CTTCTTCTCT	GCCTCATCTC	CCAGGCGCAC
514401	TGACAAACAG	GCAGGGCAGC	CAGAGGAGAT	GGCACTCAGA	TCTGATCATT
514451	TTCCCATATC	GCTGAGAAGT	TGGAATGGG	CGGAGGCTGC	AGTGGTGTAT
514501	AAGACTCGGA	ATACCTGTGG	CTTTTAATTA	CCATTCCACG	CGTGTTCAG
514551	TGTCCTCCTC	CCTGACCTCG	CACTCCTGTG	GCTGTAATGA	GGCAATATAT
514601	AGAAGCTATT	CTGTATTGTT	AGTTATCTTT	GCATGCAAA	ATATCTCCCT
514651	GAGCCTTCTC	TTGTACTGCC	TCTAGTACTT	GGCTGACAA	AGATCCTCCT
514701	TAAGTAGGCG	GGGCGACAGT	AGGTCTCCTC	TAAGTGGGCG	GGGCAACGAT
514751	AGATCCTCCT	TAAGTAGGCG	GGGCTCAGGT	GAATATCCAG	CTACTGTGCG
514801	TATTTAGAGG	GCCTTCACTC	TGGAAGATGC	CCAGGCAAAC	ACACTCATTT
514851	TCTTTTCCCA	CCTTGCATTT	GTTTCTGCCA	CATCTATTCT	ACAAGCACTG
514901	TAGAACAATT	ACTATGGGGT	AGGTAGGCAT	CATGCTGACA	TTAGATGAAA
514951	AGAATATAAT	CATTCTCTTT	GAGGAATTTG	GGGCTGTAGG	AACACGAGC
515001	ACATAAACAC	CACAAAGAAT	ATGACAAAGG	GAAGGTCCAC	TCTCCACAAT
515051	GGGTATCATT	TAAAAATTAA	AAATTAAAAA	AGATGCTAGG	GGCAGAACCC
515101	GAAGAATGAG	TAGGATTCTA	TCATGGGAAG	AGAAAAGTGG	CCATCTTCCA
515151	GACCAGAGGG	ACTTGAACCT	GTCCCTGCTG	GAGCAGTACA	CGGAACTCTT
515201	CCTGCCTCAA	CACTCATTCC	TTCTCCTCTC	TCCTCTTCTT	TGTATCTGGG
515251	CCGATGCTGA	GGAAGGCAGG	CTATGCTCCC	GGCCTTGCCC	TCAGCCCAGC
515301	CCCAGCCCCC	CCCCCCCCAC	TCCCACCCCC	TGCTCACGAG	GCAATGACGA
515351	TCACTCCATT	TCTCTTTGCC	AATCTGTGAC	GTGAGGTGGG	CACGTGACCA
515401	CACTCTGGCT	GGTGCGATAT	AAGGGGAAGT	CTGCAATGGA	GACTTTCTCA
515451	GACATAAAAT	GACAGCATCT	CTCGGGGAGA	GAGCTAGCCT	TTCTTTCTCT
515501	GTCTTGAAAA	ATTCACATGA	TGCTTGACAG	TGTAGCGACT	ATCTTATGAC
515551	AGCAGAAAGA	TAATAAGAGC	CCGGGGCCTC	TGGGAGAGTA	GCACTGAATA
515601	GCAACCAGTA	CTGGCAACTG	GACTCCTTGT	GTITGGGGTA	GGACGGGAGG
515651	GGGGCGATTA	ACTCCTGCTT	GCTTAGGCTA	TAAACTTGGG	CTTTCCTCCT
515701	CTTATGGCTA	AAAGTCCACT	CAAACATTTT	CCATACAATG	TTTCGCTGTC
515751	TCCTCGGTGA	GTGCCCTGCAG	TGAGATCGCT	AGAGACACCC	GTGAGTTTTA
515801	CTGTTGATCA	GCCCAAGCTG	CGGCCCTCTG	GGATCTGGCT	CTTGCTCCCC

515851	TTTCATCTTCCT	CCAGTCATTT	TGGGAAACTC	CTCAAGAGAA	TTACTTTGAG
515901	AAACTTCCCT	CTTTCTCTAA	AGGGTCACAG	CGTTAGGAAG	GCTGAGAACC
515951	ACTGCTCCAG	TCTAATGGAT	CCCTCAGCGT	TTGCCCATCC	ACACAGCTTC
516001	TCTGCAGCTA	GCTGGAGTCC	AAACCCCACT	GCCGGAGCAT	ATGAAGGGAA
516051	TAGAGAACAC	AGTACTGCCA	AAGACAGGCA	GGCAGAGCCCT	GGTGTATCCA
516101	GCCTAGTGGG	TTACATGGGG	GGGTGTGTGAT	AGCACCCCGT	CCTCTCTCCC
516151	CTGGGGCTTG	CTGAGGAGAG	CCCGCCATGG	AGAGCCCTTA	GGCTTCTCAC
516201	CCTCAGTTTG	GATGTAGGAG	ATTGTTGCCA	AGCAGGGGTG	AAGTCCTGAG
516251	AGGACCATGA	CATTAAAACA	TGGAAGAAAT	AAT'AATGAAT	GGTCGAAAGA
516301	CTTCCAGCCG	GAAGTTCAAC	AGGAAGTTAT	CTGGTGTGCT	CTCTTTT'TTTT
516351	AAAAGATGAC	AGATGAAAGG	CTACATATAT	GCCCAGGGTA	ATGAACCTGG
516401	GGCCAGACTC	CCAACCAGTC	CTACCTAAAA	CAGTCTCCTT	ATAAACAGAG
516451	GAGGAACTAA	CTCAAGATGT	CATCAGGCTG	CTGAAATAGA	CGGGAGTCAG
516501	GCACAGTGGC	ATACGAATAT	AGTTGTGTA	GTGCTCAGGA	GGCTGGGGGG
516551	AAAAATGACA	TGAGTTCAAG	ACCAGCCTGG	GTGTCATGCA	CCACAAGACC
516601	ATGTCTCAAA	ATAAACAAAGC	AACACATGAG	ATCTGGGATG	TGAGAAAACG
516651	AGTCTATTGC	ACATGTCGGG	ACCACAGTGG	GGATTAGTCA	CCAGGACCAA
516701	GGGAAGTGT	TGAGATGACT	TC'TGCCCTTC	ATGAGAGCCA	GGGTATAATG
516751	TGGTATACTC	CAGTGAGACT	AGGAAGTTAC	AGAGGGGAAA	AAAAAGTACT
516801	AGAAACTTGA	TTTGAAGTAC	CTGTGAAATG	AACAAGGGGG	ATGTCCAGGA
516851	GGCATTTAGA	TATATAGATC	TAGTCAGGGT	AACTCGGGTG	CCTCTGTCTT
516901	AGGGGCATCG	GCACGTGGTG	ACCATGGGCA	CAGCAACAAG	GAGGGTGCCA
516951	ACAAAGAGTA	CATGACTTCA	ATGGAAAGAT	GGGGACTAAT	GACACAACAC
517001	TGGTGGGCTT	CAGTGAGGCT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT
517051	CGCGCGCGC	GTGTGTGCGC	GCTTGCGCTT	GTGTGTATAG	TGTATGCCAT
517101	AGTATGCATG	CGCATGTGGA	GGTCAAAGGG	CAACCCTCAG	GAGTTAGTTC
517151	TCTCCTTCTG	CCTTTGTCTC	AGTTTGAAC	CTGCTTGTTC	AACAAGCACT
517201	TTGACCACTG	GGCCATTCTG	CTGCCCCTGA	CCTCTACTTT	CTCTGAGCTT
517251	TGGCTCCTTT	GCCATCTGTT	TTCCACAGCA	CTTTTCTTAG	TAGGCAGAGA
517301	ACAATGTTGC	TGACAGTTTC	TGCCAACAC	AACCTGAAGT	TCCTCCCCCT
517351	TCGCAAAATA	ATTTCTGTTT	TTGAGACATT	GTTTCCTTAT	GCAGGGTAGG
517401	CTTGCCCTGA	ACTTGGGGCCG	TTTCTGCCCC	AGTTTGGGAT	GAATGCTGAG
517451	ATTATAGGCT	AGCATGATTT	GCTCAGTAAA	AGACTATTAT	TCTCTCACTG
517501	TACATGTGAC	AGTCCCTGGG	AAATACCTCT	GT'TGGCTTTG	TCTGCAAGGA
517551	TCATGTAACC	TATACCAGGT	CTCTGACACG	TGGATTGCCC	AGGTTTGAGT
517601	CACATCTGGA	TGGGAAGATG	GGAGATTGGG	AGGATGTGTT	TCCAGAACGA
517651	GACCGTTAAG	GCTTTCCAGG	CAGAGAAGAG	TAGTTGCCAT	GGTTCTCAGC
517701	CCATCAACAT	TAAAGAAGAG	AGGAGGAGGA	GGAGGAAGGA	GACACAACGT
517751	TGATATGTCA	AAGTAGATCA	ACAGCTTTTT	GGAAGCCAAG	ATCTGT'TTCC
517801	GATGTGTATT	TATTCTTCTA	CACCCTCCCC	ACTATCTAGT	ATCCTGCCTT
517851	AACATGCCTG	TCATCAACAA	GTGGGTGTGG	AGAAAAATCC	CAGACATCAC
517901	ACCCAACAAG	CAGGGGGGGG	TACTTTAAAA	AAAAATGACA	AAGACTTAACA
517951	AGCCCAGAAA	TCTGATTTGG	GCAATATACA	AAAGCACACC	CCCCCCCCC
518001	CCAGTATTTG	GCCTCCATGA	ACACAGATAT	TAATAGATTC	TCTAAAGAGA
518051	GCCAATCTTT	TCAGGT'TTTG	GACGGCACCG	TCATATCAGT	ATGAACCTCA
518101	ATCGTTCCAG	ATGAGGATGA	CATT'TGAGGA	GTGTCTTGAA	GAAACCGGGT
518151	AGTGATATAA	AGAGCTCTGT	TCCTGCTACT	GTGTTCTGGG	CTCACCGTAA
518201	TTTCATGCTG	CATTTGAAAG	CCTGCAGGGG	AGACACCTTA	ATTGCTACGG
518251	ATGCCAAATA	GGAAGAAGAG	TGCTAA'TCAA	ACCTTATTAA	TCGACGACAT
518301	ACTACCAGCT	TTCAGGAACA	GATGCTAAGG	GGGAATGAAA	CCTTGTAAAGC
518351	CACGGGTACC	TACCAACACC	CCCTCAGGTC	AGTAACAATT	GT'TTT'TCTTC
518401	ACATACACCT	TTCCTGTCCA	CTAGGGGGAG	TACTAGCGCA	CGCCAAAGCA
518451	TGGCTTTTTC	TATGCCTGAT	GCTTAAACTC	CCTATGCCTA	ACAAAAACTT
518501	GTTCGTCTGT	AGATTCCCTAA	GACCTCCAGC	CTGTGATGGC	CCAAAGATCT
518551	AACCAGATGT	CATATT'TTTC	AAACAGACAG	AGTATATCAT	TCAAGGTATG
518601	TTAAGAAAAAT	ACATTGCTTA	AAT'TCTCAGT	AACTCAGAAC	CATCTTAGTG
518651	AACATTTCTC	TTGTAAACAG	AGTTTCTAG	CCAGGAAGGC	AAAGGCGAGG
518701	GCTAATTATT	TGTCAGAAATC	TTTGC'TTATT	TAAAAAATAA	TAGAAGATGC
518751	TGAATCTGTG	CCCTTTCAAT	TTTAAAAAGC	TTAATTTTAA	TACCTGTTAG
518801	ACACTAGTAT	GATCTTTTAT	TGCTCAGTGG	AGTTC'TTAAA	GTATTATTTG
518851	CACTCAGTTG	ATAATTA'TA	TAA'TTAT'TAT	AAGCTTGTCT	AACATAATTA
518901	CAGTATAAGA	CTCT'TCCCTC	TTC AACACAA	AGCCACT'TTC	AAAAAAGTT

518951	TGAGAGGCTA	TGTAAATTAA	CAAATAGCCG	AAATGCCACA	CTTAGCTTCG
519001	CACCCAGCTT	CGCTGCCCTT	CCTTCTTCTC	AGTICTGTAT	T'TTTTTGTGG
519051	CAGGGTACTG	CATTTTTTTT	TCCTTTTTAG	TCTCTGTTGA	GAATGTCAAC
519101	CCGTGAATTG	GTAAGCGTGT	TATTGTGCGT	ATGCCAAGTC	AATGTGTTTG
519151	GAGCTGTGGA	TTCCTCAAAG	ACTGACACCC	ACCCCTGCAG	TTGCCTGCTT
519201	TTGCAGAAAC	AT'TCCGACAA	CATCGAC'TCA	ACACTGACCC	TGTGTGAAGC
519251	CCCGTAAACG	GCATAGGACA	GGACAGCATT	GCTCCTGACT	ATACCCTCAG
519301	CCCTATCACA	TGCC'TGGCAT	CAGGAGCCCC	GAGGGT'TTCT	TGCTAAGGAC
519351	ATAAGCAAGT	AAATAAAAAG	TTTGAGATGT	GAAAGTTT'IG	GGGGCACAAA
519401	GGTC'TTGTIT	GCCCAGAGAT	TGCTAGAGAA	ATCAAGAGCG	CTATGCATGC
519451	AGGGACCTCT	CCTCAATGGA	GGAGATAAAA	TACCTGTTT'T	CACTGTCTAG
519501	AAGGCTGGGA	GTGAATA'TTG	TTGACGGCCC	GGTGACCTT'T	TTGCTATCTG
519551	CAGCAGCAGC	AGCAGCAGCA	GCAGCAGCAG	CAGCAACAGC	AGATCTCACC
519601	CTTTTGC'TAT	AGAGATAGAC	CTCACTTAAA	TCCCCACAA	CGT'TTAT'TCC
519651	AGACTCTCCC	TCCCTACCTC	ACAGGTAATA	GAAGCCCTCC	T'TAGTGGGGG
519701	AATGTCCCAT	GTACCCTGTG	GCCTGTTGAA	TCTCTGTCTT	GAGTCAGAGA
519751	CCACACTAGA	ATCTAGGCTT	TITAGCTATG	GAACCTACCC	TCGTGGTCAC
519801	ATGTATTTCA	TAAAGCAGTT	TCTAAATGCT	CACACCTTAA	GCTTTATTCT'
519851	GCACCTGGAA	TCGGAATGAT	TGTTGCCTGG	AAACCTGGAA	TAGGAATGAT
519901	TGTTGCCTGG	AAACTTTTTTC	CCAAATTGTA	CTGTTTTTAAA	CATGCTGACA
519951	ATGAACCACC	TGGTACCAGC	CTCCTCAAGT	CTGATACAGG	ACGGTGATGT
520001	CGATCTGAAC	AGAGGTTTTTA	T'TCTTGCTTC	TTTGTGGATC	ACTGCCTTCA
520051	T'TGACAACCT	CAGTGTCCCC	ACCACCAAG	AAAGGAATTG	TAGAGAAACA
520101	CTAAGT'TGCT	ATCCCTGACC	TCAGAAGAGT	TAACAGTGGT	ATGAAAGGGT
520151	GCTTGGCCTA	TTTATCTATT	TGTC AATTCT'	CCCATCTATC	CATCCATCCA
520201	TCCATCCATC	CATCCATCCA	TCCATCCATC	CATCCAACCA	TCTATACATC
520251	CATCCATCTA	TACATCCATT	CCTCTATACA	TCTATACATC	CATCCATACG
520301	TACATACATA	TATCTATTTA	TACATCCATT	TAT'TCATCTA	TATATCCATC
520351	CATCTATAAA	TCCATCATCT	ATAAATCTAT	CTATTCACCC	ATTAACCTAT
520401	ACATCCATTT	ATATATACAT	ACATCTATAC	ATACATACAT	CTATATTTAC
520451	CCACCCACTC	ATTCTCCAGA	GCCTTAAACA	TGCTAAGCAC	ATATTTTCCC
520501	ATTGGACTAT	ATCCCCAAGT	CTAT'TGTCAT	T'TTCTTAAAG	GAGCTGAGAG
520551	TCTACTAGAG	AGCTTTAGAT	ATAATTTAAC	TACTCACACA	GAAAGTATCA
520601	GACAAATAGG	GG'TTCACAAA	GTAAGAAAACA	AGGGAGGAAA	CTT'TAGGTAA
520651	AA'TTACCAAA	AATGTGAAGA	CCTGGAGGCA	GAAAGAGCCC	CGCTTGCTTA
520701	AGAAACATGG	CCAACCTGTC	TAAAAACCA	TACCAGCCAC	ATCCCTCGCT
520751	CTGGTCTAAA	AGCCCTTAAC	CTGACTATGA	AACTCCCGGA	GTACATAGTT
520801	GATATTTCAA	CAATGTCTAG	GGTAAGAGTC	ACATGATGAG	CCTGGTTATG
520851	TGCTGGGTAA	GACAGGAGCT	GGAGAGCTAT	CTGAGCTGGG	TCTGGTCATG
520901	GGTCAGGTAG	TCAGGGCCAA	GGGAAC'TCCC	CACCCCTCTC	TGCCACAAAC
520951	TGGTTTGT'TT	CATCTACTCA	GTCTGT'TTCA	TGGCAAGGCA	CTCAGGGAAG
521001	GGTTGCC'TTG	AGGGACAAGA	CTATTTATGT	AT'TGCCTGCT	TTCTTGGGGC
521051	CCTCATCCAT	GCTGATGCTA	AGTGGATGCC	T'TCCAAAAGG	CATGTGGGCT
521101	CTTACCTCTG	GCTTCCT'FAA	GAGTCCAAGT	AAATGTGTTT	TGATCAACGA
521151	GATTTTGTGT	CT'TTGGCTTT	AGTTAGGCTG	TCACACATAC	AAATGGAAAC
521201	ATTT'TTTTTT	GCACCCCTCC	CTACCC'T'TTA	TCGAATGAGC	T'TGTGATCCT
521251	AATATGGT'TG	ATAGCAGTGT	CTCTCTAGAG	GCTGAAGTCA	GACTGCAGTG
521301	ATGAGACCTT	CTCCTTATTC	CAAT'GCAAAC	CTTTTCTCTGA	GGAGACAATA
521351	TACCCATATC	TACTCACTCC	AGAAAGGCAG	CCATGACAGG	CCAAAGTACA
521401	GATACCACCA	AAGTCACCAA	AGTCCAACCT	GGTAATGCAG	TGAGTGTAGG
521451	GGTGT'TCAT	TAATCTGCTC	TAAGCCCCCT	GGGCCACAAT	CCCCCACTCT
521501	TACATGT'TGG	CAGTGTCTCT	GTCCTACACT	TC'TCAGGCTG	GGGCCT'TCTC
521551	TGTCCC'TGGC	AATGGT'GATT	CTCTTCCTTC	TTCCTGTGGT	TGGTTCCCTT
521601	GCCTGAGAAA	TCTAAAGCCC	TGCCTCTGTC	TCCTTACTCC	AGCCATTGGC
521651	TGCTGGCAAA	T'TTATTTACC	AAT'TAGAACC	AGCT'TGGGTT	AAGGGACGTG
521701	TGAAT'TCCCG	AG'TAATTTGG	GTACCCAATT	AACACAAGCA	ATAAACCAAT
521751	CCACAAGAAG	TGAGTTT'TAT	TGGGGT'TACT	TATGGGAATA	TAGGTGAGGG
521801	GTCCCT'TACA	GGAGCAGGAG	TGACTCAAAG	ACAGCCGCAT	CACCAAAGCC
521851	CACCCCCAGG	ACTGGTGACA	GCTCACAAAG	CTGGGACCCT	GGAGCAGGCT
521901	GCACAGCTTG	CAGGTAGCTC	ATCAAGT'TGG	AGAGTGTCTT	TTCCAGGTGC
521951	CTCAGGTGGT	T'TAAACCTCT	TCCAGGAAGT	CTGGATGATT	TATGCCTCTT
522001	CCAGGCTGCT	GGTCAGG'TCT	CAGAGT'CTGC	AGCCTGGCTT	GT'TTGAGAGT

522051	C'FTCACAGCT	CATCTT'ICCT	TCTCTAACGG	GGACTTTC'FG	CTTT'FAT'FGC
522101	T'TTCTC'TGGT	TGA'ICCCCTCC	CACCCCGTGAA	TCTTG'ICAGT	T'ICAGGAAC'I
522151	TCCTGAAGAT	CATTT'AT'TGA	CTTGTTT'ACC	TTCCTGCT'TG	AGAT'TCCCTG
522201	CAGGATGGGT	G'TTTCAATCT	TAGAGGAAAC	AAGAACAATA	ATCTTG'ITGT
522251	GATAAA'TCTC	CAACCCAAAT	AAGCTC'TGGC	AATGAAATCA	TGACTCAAT'I
522301	AATAGGAATA	CATGCTGTGC	ACCTAGATTG	GGCAGATCTA	CCAATACCAT
522351	CTTCCACATC	TATGAGACCC	ATCCAGGCCA	TG'IGCT'TCTG	CTCTGCT'TTT
522401	CTTCTTCCTC	CTTTTCTGTG	CCCTC'TCCCT	CTCCCATT'TT	CTCCTCCTTC
522451	TCTCT'TCCCA	CCTTCTCTCT	CACCT'TCCCT	TTTATCTGCC	CAATCATCAG
522501	TTC'TCCT'I'FA	T'TTTACAAAT	TGAGGTGGGA	AGCAGGT'I'FA	CAGGAAATCA
522551	CCTGAGTGCT	GACTCAT'TCC	TTGT'TCACAA	CCAC'ICACAA	GAGAATTGAC
522601	CTTAAATATA	A'TTAGCCCCA	GGGCTATCCA	CAACAAT'GGG	GTGTTTCAAT
522651	CTTAGAGGAA	ACAAGAACAA	TAATCCCCCC	AAAAGAGAAC	T'AATCCCCGA
522701	TGAAGGTACA	GAGAAGGTAA	CGGTAGAAAG	ACTTCGATGC	CTGCAAAGAA
522751	AGCAGTCCTG	CTTACAGCCT	AAGAGT'TAGG	AAGATATTGG	TTGTT'TATAC
522801	CAGCCAATC'I	GTGGGACTCC	GCTATGGAAA	TCATAGGAAA	CTAACACAGT
522851	CACCTAACAT	AGAATTGGGG	GGGGGGGTCT	CAGCATCAAA	TAGCAGTAAT
522901	AG'I'AACAGTG	TCACTAT'TTA	CTAAGCAGAT	CCTGTGAGCC	AGGGT'T'IGGG
522951	TTACACACAT	CCTCCCCCAC	CCAAG'I'ATTA	TCTCATTTAG	T'AT'ICATGTA
523001	ACC'TCCGTGA	GTCATAACCT	T'CCCC'T'CC	CCCAATC'I'IC	TAAGACGATG
523051	CTGAGGCTCC	CAGAGCCCCA	GGCTACCTAA	TTACAAAAC'T	ACTAAGCTGA
523101	GGCATAGGAT	CTAGAATTGA	GGTCTGACTA	GGGCCAT'I'AT	ATCCTGGTAC
523151	AAAGAAAA'TG	GCTTCTCGTC	TTT'IGGGCAC	AGAAAGCCCC	TGTGT'CAGAG
523201	GGCAGGGGCT	AGCGAGCAGA	GGGCTGGTTG	GCT'I'ICAGTC	CTCCTTGCC'T
523251	C'TTTGGGCAA	ACCTCCACTT	TACAATGACC	TGCTCTGTAG	CACAGGTGCT
523301	CAGTTGTTAT	ATTGGACCAG	CTGGGGGTTG	AGGTGGCTGT	GGTAGCATCA
523351	GGAGGTACAC	AGGGGT'CATC	AGTATTGGGG	TGCAGTT'GAG	AAAGAGCCCC
523401	CGGGGGCTCC	T'TGTGACCTT	TAGGAAGGCA	T'TAGACC'I'CC	CTTCAGCCCT
523451	GTTCTGCTCA	CTGGCCTTAG	CACACCCCCA	ATCCCTCCGG	TCTCTCAGTC
523501	AGCAAGAAAT	CTAGT'TTGCA	GGATCACGTG	CTAGGATGAC	CTATTGACCT
523551	T'I'TTACCACC	ATCCTCGCCG	TCCCTACTAT	TACCACCAAA	CCAAAAAGCC
523601	CAAGAAATGC	CTCTCTGGCT	G'TTTTATTTG	ACTCCGACTT	TCAGCGTCTA
523651	TGCCTT'ICCT	CACAAT'TAAA	GCTCCATTTC	GCTCTAAAGT	TTGCAGCTTT
523701	CATGAAGAGG	GAAAAGGGAC	C'I'TTGACACC	GTAAATATTT	AAT'CACCATT
523751	GAGATGTCCA	AAAGATGAGG	GAATGGACGG	TGCAGATTGG	CTGGCTCTGA
523801	GAAGCAACAA	AAGAAGCCAT	AGTGGTGGGG	CAGGGGGT'GG	GACAGGGGGT
523851	GGGGCAGGGG	GTGGGCAGGG	GTGGAGCAGG	GGTGGGCAGG	GAGTGGGGAA
523901	CGGGGTGGGG	CAGGGGTGGA	GCAGGGGTCG	GAGGT'CGGGG	TAACCTAAAA
523951	CATGCCATCT	TTAGAGCTTA	AAGTGGCTCA	CATTCC'TATT	CACTAAGTGT
524001	GCCTGAGCTA	TGAAGGAAGC	TAGATTTATT	AATTTATTTA	TCTCTTTAAA
524051	TATTGGGCGG	GGTGAACATA	GATGAGATCT	GGAGGTGAAG	AAGTCTGACG
524101	CTCTCCT'CC	ACTTCTGTTT	TGGTAACCAT	GAAGAGACAC	GAAATTTCTA
524151	GACT'ATA'ICG	AGGTGACTGC	TGGAG'TTCAG	ACGTGGGGGA	GAAAATGTCT
524201	AAAGAAGGAA	AAAAAAGAGC	TGTCTGTTCG	GTTT'TGTGTC	TTGTTTGAAA
524251	ATACACTTCA	AACATT'CGAC	AGTA'I'TTCGG	AGATCATAAC	TGCCTATGCC
524301	CCCACCACCT	CCTGAGCCCT	TGGCCCCCCG	GGAGTCCAGA	T'ICAC'I'TT'FA
524351	AGTAC'I'TTTT	AGCTTTATGT	T'TTAACTGGA	AAAAAAAATA	ATCTTGCCCCA
524401	GTAGGGC'I'IC	CATTTGTTTC	TATCAATGGG	CTGAATTTAG	TTTAGGAAAG
524451	GCTGTGGAGA	AAGAATGAAA	TGTGCCT'TTT	CCCCTTGCCA	GATCTGGACG
524501	CACCAACCGT	TTGGAAATAA	AGGGCATGCA	ATT'TGCCAAG	TGTTCC'TGCT
524551	GAAGGGCCAT	CCCGCATCTC	T'TCTGGATCT	TTCTTTTGAGG	TAGGTTGAGT
524601	TGATGGT'TAT	ATTCTTGACG	GAAGCAAGTG	ATAGGAACGG	AAGCAT'TAAA
524651	GGGGTGGGGT	GGTGGCT'GAG	GTATGGGCAT	GGTAAGGGGG	CAAGCCAAAG
524701	CTGGCATCAG	TAGGAGCCGC	TGCGT'GCTAC	AGGTACAGGG	TGAGGGGTGA
524751	GGGGTGCTGA	GTGAACCAGG	GCCTGAGAG	AGGACACCCC	TGGGAGCCAA
524801	TGGCCT'TTTA	GAAGACCTGG	TCACAGCTAG	TATACTGATT	ATCAGGTAGG
524851	GATCTGGGGG	GGCTAAGCAC	CCCAACTTCA	CCTTAGCTCT	CCACTCCGGG
524901	GTCTCCACAC	GGGCCTCCCA	TTGGCTGAAT	CCAACCAGAA	GCCAAACTGT
524951	CCTTAGATGC	AGACTTTCGG	TATAGAACGA	CACTGGGAAG	GCAGGAGATG
525001	ATAGGAAGAA	CTGAAGGCGA	CGCAGCCAGG	ATGGATAAGA	AGACATACGC
525051	AGAAAGGAT'I	GAGGAAGGAG	GGGTAGGT'TA	AGT'TCT'GCGG	GTATCCTGAC
525101	CTAAGAACTC	ATGGTGC'TGT	ATATAGGAAA	TGGGCACCAC	ATCCCCCGCC

525151	CCCCGCCCCC	CGCCCCCCCC	CCCCGCCTCT	CCTCTCTTTC	GT'TTTATGTC
525201	ACATCTTAGT	AAAAGATTTT	TGAAAAGACA	AAATGAAGCC	AGGCATGGT
525251	GCATGTGCCC	GCAATGCTAA	CACTAGAGAG	G'TTAAAGCAG	AAGAGTTTCT
525301	ACTTTGAGGC	CAGCCTGGGC	TATACGGCAA	GAGGCTATCT	TAAAACGCAG
525351	GGAGCAGGGG	GATTGAAAAG	ATGACTGCTC	T'TGCAGAAGA	CCAAGGTTTG
525401	G'TTCCCAAGG	CTTACACAGT	GGCTCACAAA	TG'TCTGT'TAC	TCCAGAGCCA
525451	AGGGATCCAG	TGCCCTCTTC	TGGCTTCTGG	AGACACTAGG	CACACACACA
525501	G'TATGTGGTA	TATACACAAG	CAAATACTTA	TAAACGTGAA	ATGCAATGAT
525551	TTTTTTTCCC	CAAAGGACTG	GGAGACGTCT	CAATCAGGAA	AAGTGCTTGC
525601	TATACAAGCT	TGGGGGGTCT	GACTTTGGAT	CCCCATGTAA	ATACTGGGCG
525651	TGATGGTGTA	TGTCAGTAA	CCCTAGGCCA	GTGGGATGGA	AAACATGAAT
525701	CCCTCGGGCT	CACTGATCAA	TTAGCCTGTC	CAGCCAAATC	AGTGGGGCTC
525751	AGAT'TCTGTA	GACGCCAGTG	CTGACCTCTG	ACCT'TCATTT	GCACGCGCAC
525801	ACACGCGCAC	ATCCAACCCC	TGCGCTGCC	CCTCCCCCCC	CACACATTAA
525851	AAAAGAGGGG	AAAGCCAAAA	GCAGCAGAAG	GCCAAGAAAA	GTATTCAGCT
525901	CTTACAT'TTG	AGATTTGGTG	CGCGAGACGC	TTAGCATCAG	CAATCCAATG
525951	GAACCATCAC	GCCCCAATA	CTTCCCAAGC	ATGGATGAGG	ACAAGAAACG
526001	CTTCCCCAGT	CTTCCCCAGG	ACCACGTGCC	CAGCCACCAG	CCAGCCACTG
526051	CCCATACTCA	GAATTCATTC	CAGGCTACAT	GGCGATATTT	CGTAGGGAGG
526101	GCAAGGACTG	TGGAATAAGC	CGCCTGTGCT	CCGCAGAGAG	CGCCAGAT'TG
526151	CTCGCCGAGA	AGTCCAGCCA	CTTCATCGTC	AGCTGAGAGA	ATCTCCCCAC
526201	CAGAATCTCG	AGGAAGCGGA	AGCACAAGCG	ACTGTGGAGC	TATCTGCCTG
526251	T'TAATCTTAT	CTTCTGCTAT	TCATTTTAAG	AGTTT'GAGTT	ATTATTAATA
526301	TGAAGGCTCTG	CTTTATGGCA	GCTCTCTTG	TTGAA'TGAGT	TTGTGCCAAG
526351	CTGCCTGCCA	GT'TATCAAGG	GAATCAGGGG	CCCAGGGT'TA	CACTAACAGC
526401	GAGTCCCTGA	GATGTGATGA	CAGAGACATG	AAAAGATTTT	TTTTTTT'TTT
526451	GTCCATAAGAG	GGATCAGTAT	TTTATGTTTA	CCCTCAATAA	CCTTTTGGCG
526501	CTTCATTTCA	AAGGAACATT	AAGAAAAAAA	TACAAGCAAG	GATAGCCACA
526551	CATTTCAAAA	ATAAATCTTT	AT'TTATAAAA	AAAAATTTAA	TTTTAATTTA
526601	AAATTAATTT	AAATTAATTT	AATCAATTAA	TTTAGTTAAC	TTAAAAATTA
526651	AATAACTTTA	ATTTTAATTT	TAAGAGACCA	CCCAGGTTGC	AGAAGTGTCC
526701	TAAAGCTGAA	GATGTAATTA	GCCGATGAGT	T'TGCCACTT	CCTGCAGATC
526751	TAGAAAACTC	GATGGTCTGT	GATGACTTAA	CGGTATTTTG	CTGTCAATCA
526801	AGGGCGGCCT	CAGATCCCTT	ACCACAGGCA	GAGCAAGTGT	CGGAAGAAAC
526851	TTCACCTTCC	TGAGTCAGGC	CEGTAGTCTG	TTTTCTATTG	CTGTGAGAAA
526901	CACCATGACA	AAAAGCAAGC	TGAGGGGGAA	AGGGTTAATT	TCATCC'TGCA
526951	GCCTACAGCC	CA'TCCTGAGG	AGAAGAGAGG	TCAGGACCTG	AAACAGAGGC
527001	CATAGAGGAA	CACTGCTTAC	TGAACTGCTC	TCTGCCCTTG	CTGATCCAAC
527051	TCAGGACCCT	TTGCCCAAGG	GTGGCAGCAC	CTGCAGTGGG	CTGGTCC'TTC
527101	CCACATCAAT	TAATAATAAT	AATGATAATA	ATAATAAGAA	TAAGAATAAT
527151	AATGGCCTGC	AGATGTGCTA	CAGACCACTC	TGATGGCGGG	AAATTTCCCA
527201	CTGAAATTCC	ATCTTCCAG	ATGATACTTG	TCTGTGTCAA	GGTGACAAAA
527251	ACTTAACCAG	CCCAGCCTGC	CGCTTCTGTA	ACACAGCACC	GAGTGCCAGG
527301	GTAG'TTTATG	TCCTGGACTC	TGCAGCCTCT	GAGAAAAATT	GGCATTTACC
527351	ACCCTTTCCA	AAGGCCCTTA	TAATA'TTGAA	GGCTCTTACA	GGCCGTAAAG
527401	AAAGGCAGCG	TTGGGACTTT	ACGCAAAGAA	CAGTGGTTT	GAATGTCCAC
527451	CTCTGTTCTT	TTGTCTGTAA	GTGTTACTCT	TCTGGGAAGC	AATATGTAAT
527501	CCAAC'TCTGC	TGAGTCATGA	CAGAGAAAGC	TGACAACTGA	AATGTTGGAG
527551	GTGAGCCCAT	CACACAATCC	AGCCTTCTTA	CAGGAACATA	CACTGGGTAC
527601	TGTCACCAAG	CATAGAAAGT	TACTCTCCAT	CCATCCATCC	ATCCATCCAT
527651	CCATCCATCC	ATCCAAGGCC	ATGTTGACTG	ACAGCAGGAC	CTGATCTTAC
527701	ACTCCCTCAG	CTCTTGCGCG	CGCCAGACTC	GACCAGCAAG	GACGCTGCAA
527751	CAGGATCCTT	CTGCACACGT	T'TATTGGGAG	AGCTTGATTG	TAGAGGCCAA
527801	GAGACCCCGA	GCCCAGAACT	GGTGCTGCTT	TTATAGGCCT	AGGAGAGCGG
527851	TGTCTTACAC	CAGGATTTGG	TATGCACTAC	GCCTCATTTG	CATGTTCCCTC
527901	ATCTGATTGG	CTACTCTCTC	TCTCTCTGTA	CCTCACAGAG	CCTCAT'TATC
527951	ATACCTCATT	TGCATGTCTC	ACATCTGATT	AGTTATAC'TC	TCAAAGCC'TC
528001	ATTACCATGC	CCGGGCCAGG	CAC'TGTCTTT	GCAAAAAACT	T'TACTGCATA
528051	TGTACACA'TT	GGTTGTTTGT	CCAAACTTAT	ACGTGGTGGC	CAGCAGTAGT
528101	CAGTGCCACT	CTGCAACGGC	ACA'TGTGGCT	TCCCACACTC	AGCCACACCT
528151	TGAAAAC'TTG	T'TTAAAGTGT	GGATATTCTT	GACCAATGGT	CCTTGTCTGT
528201	GGATGGAGAA	ACACTGAGAG	GGAGAGAGAC	AAGAATGCTG	GGGGAGGAAG



528251	GGCAGGCCCA	CCTGGCCAGC	CAGCTTAGTC	AGCTCAACTG	CGATCAATGA
528301	GGTGACGGAC	GTCACAGCCA	GATCCCTCAG	TCATATCTCA	TGACTGCGCT
528351	GAAITCAACT	GACTTCTATT	GGCTGAAGTC	TGTTCAACTC	ATCTCTTAGC
528401	ATCCACTCAA	ACTATAAAAC	GATACTTCCT	CTAGTGTACT	TTCAACTATC
528451	TGTTAATCTG	AAGACCAGGA	AGGAAGCTGG	CTCAATTCAT	TTTCCTGTCA
528501	GTCACCAAAA	GGGACCAGAA	ACTTTGATAA	GGTTTTCAGC	CCGAAGACCA
528551	CATAGATATG	AGCAGAGTTG	TGGAGAGGCA	AGGTGGCCTG	TCTGAAATTC
528601	CAGGAGGCCA	AAACAGATGT	GATCTCTGTG	GAATTCGGGCA	AGGTGTCTATC
528651	GTAGCTACAA	AGAAAGGGTG	TGTAAAGGAT	CTCTTGACCA	CTAGAACTAA
528701	CATTCTTAGT	TGCTTCTGGC	TCCCATCAAC	CCAATCAGCC	CTTTAAAGTA
528751	TGGTCAGTTA	AAAAAAAAAA	AAAAAAGCAA	AACAGAAGAG	TGAAATGTGA
528801	ATGATAACCA	TCTTGCTGACT	GTGACCAATT	GCCTACTGAA	CAGCCGTCTCT
528851	TAACGTCCCA	AGTCCCAGCA	GGAAACCACA	GAATCTATAA	AGCCCTGTCC
528901	AGCAGAAATG	AGTCTGATTG	TAGATGGCTT	GGTTAACCCA	GGTTGCTCC
528951	AGTGCCTGAG	GGAGTGGATA	TTTCTCTCAT	ATGGAGACTT	TTCCAGCTAG
529001	CAAAGGCTGT	GCGTACAAC	GCTCAGAACC	CATCTGAACG	GCCCGTTTCC
529051	GTGGTAGCAG	GTCTGTCTGG	AGGACAGATC	TGTATCACCT	TCTTTTGTCT
529101	GGTTTTCAGC	CATTTGTGTT	ACAAGAAGTT	CTGAAATGTG	TCATAAGGGA
529151	CACCCAACAA	GATGGATGGG	TTCACTCAA	TGGTGAGGGA	TGAGTGAGCT
529201	ATGGACCTC	CGCCAGATGG	GTGTGTCTAA	GAGAAGCCCT	TTAAAGAAA
529251	ACAGACCCTA	TGCCATAATA	TTTATATAGA	GTGTTCATA	TTTCCACAC
529301	TTTTCAAATG	TGAATGTGCG	TCCTGAAGGT	GGAGCTTTAG	TACAGGAGAA
529351	AAITGGGAAG	GGGCAAAGAC	GTGTGCTCAA	AAITGGGGCAG	GACCAGTGAA
529401	GAACCTGTTT	CCAGGTTTCT	TAATCGCCTA	CATTITTCAT	GCCCCAAAGT
529451	TAGCATGGAT	TCGGGTTTCT	TCCACTATGG	GAGTCTGCAC	GCAATTAAAC
529501	AGGAGGAGAG	AGAGAAAGCC	TGCTTGCCGG	AATAGGGCTT	ATGGTCTCAG
529551	CAAATAAGG	AGATGCAGGG	ACCATCAGAA	CCCTTTCCAC	ACCTTGCTGG
529601	TAATTTTGT	AGGATGTTGT	TTCTTCTTTT	TCAAAATGCA	GCAGCAAAGA
529651	ATTGAGCAGT	GAGCAACGTG	CCACACCATG	GAGTATGTTT	AAITCCAAATA
529701	GCTTCCAAGA	TGCTCTGTGA	CTGACTGTAG	CAACTCTGTG	GGGTTTAGGG
529751	AAATGGCTTG	CTTACCAGCG	AAGTAAGGCT	ATCTCCAAAA	TGGAATTGAA
529801	TGCTGCTTCT	TGGCCCATAA	CACTGCCACA	GCCCATCTGT	GAGTCAGCCA
529851	CAGTGACTAT	AGGAGACTGA	TGCATGTATG	CCCTATGTTG	GAGAGGAATT
529901	ATTTTGCTAT	TTATTTATTT	ATTTATTTAT	TTATTTATTT	ATTTATTTAT
529951	TTTCGGATTT	GAGTGATGCA	AAAAAATTC	TTAAAATATT	CCAGTGCGTG
530001	GAGAATGAGT	TGAGGGGGGT	ATTTTTTTTT	AGCAAGTAAG	CCACTTGATT
530051	TGCTTCACTT	AAGAGGTCCA	TATTAACATC	AACCTAGACC	TACATTCCCT
530101	GCTTCTTTTT	TCTCTCCTCT	ACTTTCTGAC	ACTACAGAAG	AGGTGACCTC
530151	CAGCTAACAT	CTGAGAGCAT	CGGCACTGCC	CATCAGCAGA	GAGAAACAAG
530201	GATAGCCAGT	CCCCAAAGAG	GAGGTTGCAC	ATGGAAAGAT	GGCCACGGAC
530251	CATCTTTTAA	AAGCCACTGC	TGAAGGAATA	GTGTGTGTGT	GTGTGTGTGT
530301	GTGTGTGTGT	GTGTGTGTGT	GTGTGTACAG	CAGAGAGAAT	GGAAGTCAAG
530351	GCTTGGCTGA	GCTACACCCA	CCCCCTAATA	CTGTACTGTA	CATCTAGATT
530401	AGACTTTCAA	GCTTCTTGCC	CAGTTCCCTC	TCCTCCCTTC	TGCCTTTCGA
530451	AGCTCCCATC	TCAGCAGCGG	GAGGAACAGA	TCTAAGCAGT	TCTGTGGAAG
530501	TGTAAAACCT	GCAGCAGGTG	ACCTGTGAGG	AAGCTCATTC	AGAGCCCCCT
530551	TAAAAAACAA	TACAGATTCC	TATCCAGAGC	TTGGCTGACT	TGGAGCTAAG
530601	AAGAGAAGAT	CACACAGCAA	CCAGTTGCAG	TCCTAGGAAG	ATCTAGGAAG
530651	AATGCAGATC	ATTTCTTAAG	GACCCATACG	GGTCTTTAGC	TCCCTCTCCA
530701	TTCACCACAG	AGTTGAAGGC	ACCAAGGCTT	GCTCTGGGA	AGCCCACTTC
530751	TGAGAAAACA	TGAGCTTGCC	TGCTCCCCAG	AGCAGAGTGA	TCTTTCTGTT
530801	CCAGAAATTC	TCGGTGGCTT	GCGAGGTGGG	GGAAGGGGGG	AGCACCCAG
530851	CTGACAGTTG	CTACCTGGAT	GAAGTGGTGG	AGGGAGCCCC	TCTAGAAACA
530901	TAAGAGAGCT	CCGGACTCTT	GAGATGCGAG	CCCTGGCTGC	TGAGCCCAAT
530951	GTACCTTTGC	CTTTATTCTC	TGGGGAGTGT	AGTTTAGTGG	CCACAGGTGG
531001	CACTGGACTA	GCAAGAAACC	TGTAAGAGGC	TCCGGTGTGA	GGTGTGGATT
531051	CGAATCTCTG	CTGTGCTATT	TGCTAACAGC	TGTACCCGGG	CAGGTTCCAT
531101	AGCTTCTCCA	AGACCTTTCT	CAAAAGCCGA	GTAGGGTTGA	TACAAGTCAC
531151	TAATTAATAC	TGTTTGTCCC	AAGCATCAAG	TGAATCAAAA	TCTACATGGT
531201	GCATTTAGAA	CTATGCCCCAG	AACGGAGCAA	GTTCTCAATA	AATGTTAGCT
531251	TTTGTCACTA	GGGTTAGATA	GTGAGCAGAA	CTTCTAAGT	GCTATATCTG
531301	AGAGCCTGGG	ACTCCGTTGC	CAAGGGAGAC	CAGGGAGCCT	TTTCAAATA

531351	GAGAGCTCTG	GCCCCGAGGGA	TTGTCCACAA	CGAGAGTGTG	GCGCCTTTCT
531401	CCTACCTCAC	TCTGACCGAG	GGAAACCCAC	CCCCGGTCAC	AGGGGCGTCT
531451	TGGTCCCCCT	CAGCCGCCTC	CCGCTTGGCC	CCAGCCCCCT	GGCGCATCTC
531501	TCAGGCCCCC	CTCCCGCCGC	TCCACACCTG	TCAGCCGCCC	TGGCAGCCTC
531551	CCAGGGGGCTC	AAGCCCTGGG	CCTCCGCCGC	AACCCGTTCC	ACCCCTGGGT
531601	CTGGCTCCGC	GAGCCTCGCG	TTTGCCCGGG	GCTGCTCTCG	TAAACAAACC
531651	CGGGCGTTGG	AGCAGCCCCG	CGGGCTGGGG	AGCGCGGGAG	CCAGCTCGGT
531701	GCGCGGTTC	GGCGCCGGGG	GAACCCGGGG	CGAGCAAGGG	GCGATGGTGG
531751	CAGCCGCGGC	GTGCCGCGGC	AGGCGGCTCA	GCTTTGTAT	GAATAGATGA
531801	AAGAGGCCAC	CTACACAGTA	ACCCAAATTA	CGAGACCTCC	CTCCTCCCCA
531851	TCTCACCGAA	TCAAGAAGGG	AGGGGAGATG	GGCGTGGAGG	GAGGGCGGGC
531901	GAGAGGCCGA	GGGCGGAGGA	GGAAGAGGAT	GAGGAAGGGG	CAGGTGGCAT
531951	CCCACTTTCA	CAATGGGAAA	TTGAAACGCA	CAAGCGCACC	CAACCTCTCC
532001	AGCCCTCCCC	GCCCGCCTCG	CTCCCCCTCC	CCCGTCCCCT	CCCTTCCCCT
532051	CCGCGCCTCC	CCGCGAGCGC	CCGCGCCGCA	CAGAGGAAC	CTCCGGCGAA
532101	GGCGGACGAG	GAGGAAGCGT	CTCCGGAGCG	CGCAGGGCT	GCCGCGCGGG
532151	CACAGGCTGC	CGGAGCGAGC	CCGCGCGCGC	CCGTCTCTCC	TGCATCTCTT
532201	CCCGGCCGAG	CCGCGGGGAT	GGGGCGGCCG	CGGGAGCCCC	AGCGCGCGCA
532251	GGAGCCGCCG	CCGCCGCCAC	CGCCGCCCGC	GTCTCCGTCC	CCCGCGCCCT
532301	GAGCTGCCCG	AGCTGCCCGC	CGCCCTGCCG	GGGGGCGGCC	CCCCTAGCCC
532351	CATGGAGGTC	TCCCGGAGGA	AGACGCCGCC	GCGCCCCCGG	TACCCCGCCG
532401	CACCGTTGCC	CCTGATCGCC	TATCTGCTGG	CGCTGGCAGC	GCCCGCCCGG
532451	GGCGCGGACG	AGCCCGTGTG	GCGATCTGAG	CAAGCCATCG	GAGCCATCGC
532501	GGCGAGCCGG	GCGGACGGCG	TGTTCTGTGG	GAGCGGCAGC	TGCCTGGACC
532551	AGCTGGACTA	CAGCCTGAAG	AACAGGCTCT	CTCGCCTATA	CCGGGACCAA
532601	GCGGGCAACT	GCACGGAGCC	CGTCTCGTTG	GCGCCCCCGG	CGCGGCCCCG
532651	GCCCGGGAGC	AGCTTCAGCA	AGCTACTGCT	GCCCTACCGC	GAGGGGGCGA
532701	CCGGCCTCGA	GGGGCTGCTG	CTCACC GGCT	GGACCTTCGA	CCGGGGCGCC
532751	TGCGAGGTGC	GGCCCCTGGG	CAACCTGAAC	CGCAGCTCCC	TGCGCAACGG
532801	CACCGAGGTG	GTGTCATGTC	ACCCGCAGGG	TTCGACGGCT	GGTGTGGTGT
532851	ACCGCGCGAG	TGGCACCGAC	CTCTGGTACC	TGGCGGTGGC	CGCCACCTAT
532901	GTGCTGCCCG	AGCCGGAGAC	CGCGAACCGC	TGCAACCCCG	CAGCATCCGA
532951	TCGCGACACG	GCTATCGCGC	TCAAGAACAC	GGAGGGGCGC	AGTGTGGCCA
533001	CGCAGGAGCT	GGGCCGCCCT	AAACTGCGCG	GTAGTGCGGG	CAGCCTGCAC
533051	TTCTGTGGAC	CCTTCTCTG	GAACGGCAGT	GTCTACTTCC	CCTACTATCC
533101	CTACAACCTAC	ACGAGTGGCG	CTGCCACCGG	CTGGCCCAGC	ATGGCGCGCA
533151	TCGCGCAGAG	CACAGAGGTG	CTGTTCCAGG	GCCAGGCTGC	CCTCGACTGC
533201	GACCACGGCC	ACCTTGAGGG	CCGCCGCCTA	CTGCTTTCCT	CCAGCCTGGT
533251	GGAGGCTGTG	GACATCTGGG	CCGGCGTGT	CAGCGCGGCC	ACTGGAGAGG
533301	GCCAGGAGAG	GCGCTCCCCC	GCCACCACGG	CTCTCTGCC	CTCAGGATG
533351	AGTGAGATCC	AGGCGCACGC	CAGGAGCTGC	AGCTGGGACT	TTCAGCGAC
533401	TGAGACAAC	TGCGTAAGTC	CAGCCCCCGG	GGTTCAGATG	GAGTCTTGGG
533451	TGACACTTAC	CAAGTCTCAG	GTTCACTACA	CCACCGACTG	GCCGAGATTG
533501	CAGGCTACTC	TAAAGCACAG	TCTGGGGTCC	CCAAAGGGAG	CGTGTAGAAA
533551	GGGTGACGGG	GTAGCGGGGA	GGATTGGAGG	GAGGTTCAAA	ACTCTAGTGG
533601	CTGCCTCTCA	TCTTTTAGT	ACAAATGCGG	GCGCTTGTTT	AGGACTGAGC
533651	TCCCCCAAC	CCCCCGGGCC	CGGGCTATCC	TCTGTTCCTA	ACCGCTCTC
533701	CAGACCAGAG	TCTCAGTGGA	CATGTGGGCT	TGACCCCTTG	AGCTAACAGT
533751	TACTAATGCC	CTTACAGAAA	AAGCTATCGA	ACCTAAAAGA	CTCGCCGCCA
533801	CACCCCGGCC	TTTGTGCCCC	CCCCCTCCAC	CCACCCACC	TTCCAATCTC
533851	TGGCTGCAAC	CTATGTGATG	TGGTCTGTAG	AGTTGTGGCC	TGCTCCGCAC
533901	TGGTAAATAA	ATGCTATGGT	GCAAAAGCCG	CTCGCAGACC	GCCCAGCCTG
533951	AACCAGCGCG	AGGGGGCGGG	GCTGTGGCTA	GCCAAGGGTG	GCTGTGGTCT
534001	CAACCTGGTG	GAGAGAACCC	TAGGAGGCAG	CTTATGGTGT	ACAAAGCCTC
534051	GCCCTGAAAA	GGAGAACCGG	GTGTGTGTGT	GGGGGGGGGG	GCGGTTTGGG
534101	AAGTGTGGG	GTGCTCCAGG	CAGTTCTTGG	GCTGCAGATT	TCCAGACTAG
534151	ATTGCGGGGC	TCTCTGGCAC	CACCCCTGAG	CTGTGCCATA	ACCAGGCAAA
534201	AGACACAGGT	CTTCCCCCTCA	GGGCTCACAG	GGCAGCCACA	GCTTGAAATC
534251	TGAGAGATTGA	CAGTTCTTTG	ACCGGAAAAT	GAAGCGACAG	TTCAGAGGCC
534301	TCTCGCTGAT	GGGGATTACG	GAGGCTTTGT	GTAATTCTGC	AGAGGCCCTT
534351	GCCCTCCCAA	GGCTTCTGGC	AAGTAACTCT	GCATATGGCT	CCTGAGAGTG
534401	AAGCCTGCTG	AGAGCCTCCT	TAATCACTGG	ACAGGATTCA	AAGAGCAGAA

534451	ACGGAGGGCT	ACAGGAGTTG	CTATTGTTTT	GCTGTAAAAAT	GAATCCGAGG
534501	AGGAAGGCGG	GTGGTAGTGG	TGGGGAGTCT	TGGAGTGGAG	AACTGTTGCA
534551	TGTACGTTTA	TGTGTACCA	GGGTGCCCTT	AAACATTTCC	CCTAAGGTAT
534601	ATTGATATGC	GGGTAGAAAG	GCACTCCCCCT	CCCCGCCCTGC	AAAGCACACC
534651	TTACCAAATA	TTAGTCTTAT	TATTCATGGA	GAAAAAATAA	GGCTTCCGGT
534701	CACTCGCTCC	TTCTCTGCTA	GGGCAAGCAC	ATAGCCAATT	AATTTCACTA
534751	CTAGTATACA	TTAGCAAATA	CACAAAGAGC	ACAGGTTGTA	CCCCCCCCC
534801	CCAATGGTTT	AGCCTTGCTG	TAAGCATACA	ACTTAATATT	TAATATCTTC
534851	CTTTATATAT	CTTCATAATC	TAATCGCTAA	AGTTTGGTAA	ATCACTGCCT
534901	TTTTTTTTTT	ACTTCTCTGT	TGAAAGACTT	GAAACCTCCC	CTGCCCCCCC
534951	CCACGCTCCA	CGCGCCCCCA	TTTTACTTTA	AGTGTTAGGC	AGTTTGTCTG
535001	TGGGGTTAAC	AGCAACAGCT	CAGAGGCCCA	CAGCAGGTAA	CTACCACGGA
535051	AGTCCAAGCT	TTGCCATCTG	ACAGCTGTGT	CGATGTGCAG	AGCCAAAACA
535101	TTCTCTTTGA	CTGCATCTAC	CTAGTGGGTA	CTGGAGGACT	CCGTTTCTCT
535151	CCAAACCCAG	CATGCATCCG	CTAGTACACT	AAAAGCCAGT	TTTGGCTCA
535201	ATCAGGTGTT	CCTACTTGCA	TCGGGATGGG	GAGGGGCAGG	ATTAGTCTAG
535251	AGCTGTTTAT	CTTCTTCTCT	GAGAGAGAGC	TGCCCCCTTG	AAATCAAGCA
535301	AGGGAATAAC	ACAGGCTGCC	AAAAATCTGG	AATAGGGGGG	AAAATAAATA
535351	ATTAATTAAT	CAGGTCCCTG	TACAGTGCTT	CTTGCTCCTG	TTATTTATTG
535401	AGAACTCCCA	GGGCGCCAG	AGCTGTGTGT	TCTGAAAGAT	GGGGTCTCTA
535451	CCCTCTGAGC	TTGTCAATCA	AGTTAAATGA	TATACTCAGG	TTCAACAAT
535501	AGCTTTCTTT	GGCTGCACAG	CTGGGAGCTG	GGAGTTTGCC	TTTCTTTTCC
535551	TTTTCTTTTC	TTTTCTTTTC	TTTTCTTTTC	TTTTCTCTCT	CTTTTCATTT
535601	AAGTAAACTC	TCTGCTCCTG	GAAATGCATTA	AAAAGCTTTA	ATGGGATTGC
535651	ATTTTAAGAA	CATTGAATG	AAAAAATAAT	AGGTGGTAGT	TTTGATGAAA
535701	AAAGGCCACA	ATTTGCTAAC	CAATTAATAA	GGCAGATAAG	ATACTTAACT
535751	CAACAAATAC	TTGTTTATAT	GCTTGTCTGT	GTGAGCCTGT	GAGCTATGCT
535801	GGATGCCACC	GACTGTGCCA	GCAAAGAGAC	AATAGCAGGT	TGCAACCCCT
535851	TTTAATGGGG	TCAATGGGAT	AGTGTGGCCT	CGGTGTCTAC	TCACGGAGAA
535901	TGTTGTACAG	GAGATTGCAT	TTCTTTTTCG	GGTCTTGAAT	GTGTTTTTGA
535951	GAGGCGTGCT	GAATTATAGG	TGCCTGAAAC	AGGAGTTGGA	CCTGAAACAC
536001	TCCATAGAGG	GAGCCCCAGC	AGACTGCAAC	AGCTAACCCCT	TCCTAGCAAA
536051	CACAGGCTCT	CCCACCCCGA	TTTTCTTTCT	TTCCCTCTTT	TCATCAGCAA
536101	TTCACAGGCT	GCCAAGGCTC	AAGTGTCTAG	ATTTGCTTGC	CTTCTTCTAT
536151	CCCCTCCCTT	GCCAGCTGGT	ACCTGTATGG	CCCATCTTCC	ACCAACCCAT
536201	GGTAATGATG	GCACCTGGCA	AGTGTGGTTT	GGTCTCTTAT	CTCCCAACTG
536251	CTCATTTCTG	TCCCTGCTGA	GGATTAAATT	CTGAGATGCA	ACGAGTGTGT
536301	ACTCAATGTT	TCACACACAA	GGCACTCCCC	CCTCCCTCTC	CCCCCTCTCC
536351	TCCTCTTCTT	TCTTCTCTCT	CTATTTCTTA	CCTTGCCACC	AAATTTTCACT
536401	GTGTGCTTTC	ACAGAGATCA	TCCGTTAGCT	GCAGACCCCA	AGCCCAACCT
536451	AATGGCCAAT	CTCTGCAGGC	CCACTCTCTG	AGGCCCTTGA	TGGGCATCAG
536501	AGTAACAGGC	CCTCCCGTAG	AGAGTTTGTG	GACAGCTTGA	CACAAGTTAA
536551	AGTCACCTGA	GAGGAGGGAA	CCTCCATGTG	ATTGGACTGT	GGCCTTGCAA
536601	GCCTGTAGGG	CATTTTCTCA	GTAAGGCTTT	GATGGGGAAG	GACCCAGCCT
536651	ATTGTGGGCG	GGGCTACCCC	TGGCTGCTAC	TCCTGGGTTT	TATAAGAATG
536701	CAGGCTGAGC	AATCCAGTTA	AGCAACACTT	GGCTGTGGTG	CTATGGCTTC
536751	TGCAATCAGCT	CCTGCATCCA	GGTTCCCTGCC	CTGACTTTCT	TCAGTGGTGA
536801	ACAATGAGGT	GAAAGTGTAC	TTTAAGCAAA	CCCTTCCCTT	AGTAGCTTGC
536851	TTTTGATCAT	ACTGTTTGAC	CCCAGCAAAT	AGAAACCCTA	ACTGATATCC
536901	CTCCCCAAAT	GATGCTTCCG	TGAGTCCTTC	AGCAAGCCCG	ACAGGCTGGT
536951	TCTGTGAAAA	GCAATCCCAT	TTCCAGATTG	AAGAAGCTAT	GGTCAATAAC
537001	AACATGAATG	CCAAAGTCTT	GAAGCTCAAA	CCTAGGCCCT	CTGGTATATA
537051	GCTCTGTATT	CTTTTGGCCA	TCCTGGTTCT	TCTGGAAATG	TCCCCTGAAA
537101	GTTCCTTAAT	TTAAAAAGGC	AGAAAAATGAT	TGCCCTTAGG	GCAGTGGTTT
537151	TCAACCTTGT	GGTCGCGACC	CTCTGGGAGA	GAGGTGAATG	ACCCGTTTGC
537201	AGGGGTACAC	ATGTCAGAGA	GCGTGTCTTT	ATAGTGCAAT	TCATAACAGC
537251	AGCAAAATTT	CAGTAATGAA	CTTAGCAATG	AAAATAAATT	TATGGGAAGG
537301	GGCGTGTAC	AATATGAGAA	ACTATTAAAG	GTCACAGCGT	TAGGAGGGTT
537351	GAGTAGCACT	GGTCTACAA	GTGACTTTGA	GAGTAGAGGG	TACCTTCTGA
537401	AGACAGTATT	TGCCACTAAT	TTTATGTTGA	GCTTTAAAC	ATTACATGGC
537451	TTATTTTCTT	CATTATGTTT	TACAAATGTAC	CTGTGTTTAG	ATTAAATATAG
537501	AAGTGAATGT	TTTTAAATTAT	GTGCTTTAGT	TTATGAAGTT	AATTTAACTA

537551	CACCCCTTCT	GGCACAGGAA	TTCCCAGAAAG	GTGTGTTTGG	GTC'GTGAAG
537601	ATAGATTATG	CTAGATTTGT	TTGGCTGCCT	CAGTTGGGTC	CTAGGGT'TGC
537651	CTATGGATTA	AATACAAC TG	TTAGCCCTCT	GTAGAGGCTA	TTGTAT'TTTC
537701	TCATAGT'TTG	GCTTATAGCA	TTGATTCTTT	AGT'TCTT'TCT	ATCTGTTGCA
537751	GGTAGATATG	TACACACCCC	CCCTTTCTTC	ACACTCACAC	AACTCTGATG
537801	TAATTCAGTT	GTCATGCAGA	TATGCAACCA	CAAGATGAT'T	GCATAGTCTC
537851	CACCAACCAC	AGCCAAGACG	CATGTCAC TA	CTCTGAGGTG	ATAGCCCAGT
537901	TCTACTTGGC	AGTGTGACCC	GCTGACCTCA	AAATACAGTC	TTCCGTGTGT
537951	TATTACCCTT	TCAGT'TTTTG	TTATGAT'TCT	GTACAGCCT'T	TTTTTTTT'TT
538001	CATCTG'TAGA	CTAGATGGGC	AAT'TTTACCT	TTACACACAT	CTGACATGCA
538051	AGGGGTGGAT	TAACACAGGA	CAAGTGTAAT	GATGGAGCCC	ACT'PAGAAAG
538101	TGGGAAAAAG	CAATCATAGC	TGCTATCTTC	TGAGCAG'TTA	TCATGGCTGG
538151	GTTTGTGCAG	AGCAATTTAC	ATGCCTTATT	TTCT'GTTGAT	TCTCAGTCAC
538201	CATATGAGGC	AAGGACTTTA	GTTATTATGA	TGATTATAGA	TGAGAAAATT
538251	GAAGCACTGA	GAGCTTCGGT	TAGGTTCCCTA	G'TT'GCAAAT	AGCGAAGGAT
538301	TTAGAGCTTA	TGTGATCGGG	CTCTAGGACC	TGGGT'TTTTA	GCCACT'GCTG
538351	TGGACAGTCA	GTCACACAG	ACGATGAGTT	TTAGTGTTCA	GCCTATCCTG
538401	TGTGGGGCAG	GCGAGGCTCC	AATTGATAAG	ACAAGACCAG	CTGTTTGTAG
538451	GTGATGGAGC	AGAGAATCCT	TGTTTGGGAA	CAGAGTT'TTT	GAGTTTACAT
538501	CTCTCACCAT	CTGAATTACT	GTCTGGTGCC	CCGT'GTGGTT	TCTCAGCCAT
538551	TCAT'TTTTTT	GCTAATATTG	TTTTTGGCAT	TTGGGCCCTGT	AAATAACCTT
538601	CATGAGTGT'T	ACCTCTTCAA	GCCCCAGTAC	CTAGTGCAGT	AACTAGTTGT
538651	CAGCCAGACA	CTAAGAAGTG	TCTATTGAAT	GAACAAGTGA	CGGCT'CTTGG
538701	AGGATCAAAT	TGGAAATAAA	TGCAC'TCTAT	ACTTAGCGGC	AATATTGTCC
538751	TGGTTCTGGT	CACCATATAT	TCCCTTACTC	GTCTTCC'TTT	TCTTAATAGC
538801	TGATGTGTTT	AGGATTCCTT	CTCTTCAGCT	TCAGGGT'TAG	ATGCTATCCT
538851	ATCTACTCTC	CCGGCTCTTC	ATAGCAATAG	CCAGACTGCT	TGTGTTACAA
538901	GTGTGGGAGG	CATCTT'TGGC	CATAGAAACC	TCCGTGATTG	GTATTTCTGT
538951	GGT'TGATCTA	ACAACATTCC	AATTCTAGAG	GGAAGAGCTT	TTTGTGTAG
539001	GTCAGTGTTT	CTTAACATGT	GGTATATGGA	CCACCAGTGC	CAACATCACC
539051	CAGAGATTTG	CTAGAAATGT	AAATTCTTGG	ACCTAACATA	GAAT'TACTAA
539101	ATCAGAGACT	CTGGAAGTGG	AGTAAGGCTG	GATTTCGTATA	AGTTTCCCTAC
539151	AAGATTGAAA	TAAACAT'TCC	ATACTGCTGG	GGAGCTCCTG	AATCAGGAAG
539201	ACAAACAAC T	CGAAATAGCT	TTAGGAAGAC	CCTGAAGCTG	ACCAGATTCA
539251	TGAGGTCCCT	CCCTACCAGA	CTGGAAGCTG	AGCTACAAGA	C'TTTCAGACA
539301	AAGCAAGCTA	CGAAGAAGAC	TCTGGACCCC	ACCAGCT'GCC	TGAAAGAGGC
539351	AGAGACCAGC	CAAGCTGTCT	AGAAGAGGTT	TAGATTACCT	GAGGGACCTA
539401	GAAAATGAAT	TCTTCAACCT	GTTGAGCTGC	CTGCAGGCTA	TGCAGTGCCA
539451	CTTCAGGGTC	CCAGCTTTGT	GAGCTGTCAC	TCATGCTGGG	GTGGGCT'TTG
539501	GTGATGCAGC	TGTC'TTTGAG	TCATTTCTGC	TCCTGTAAGT	GACCCCAATA
539551	AAGCTCACGG	TTCAGCAAGT	TGGTTCAGCA	AGTTGGAATT	TGGTGCTATC
539601	GGCACTATGG	TCTGTCTATG	GCTGTCTCCC	TGGGGTGAGT	AGACAGGTGT
539651	GTAACAT'TTC	TCCAGGAAAA	GTCTTCTCAC	ACAAAACATC	AGGCAATTTT
539701	TGGGT'TTCCCT	TAT'TTTATTG	TATTCAT'TTC	CTATGTATGG	GTATTTTGTC
539751	TGGATGTGTA	TCTGCGTACC	ATATGCCATG	CAGTGGCCTT	GTGGGCTAAA
539801	AGACAGTGT'T	AGGGCCTTTG	GGACTGGAGT	TAACAGGTGG	TTGTGAGCTG
539851	CCATGTGTGT	GCTGGAATCT	TACCTGGGCC	CTT'TAGAAGG	ACAGACAGGG
539901	ATCTTAAC TA	CTAAGCCATC	TCTCCAGCCT	TCAGTCTGTA	TT'TTTAAACA
539951	GGCCTCAAAG	TGAT'TTGAAT	TCATGCTTCA	CGAAAAGAAA	GTGAATTCCA
540001	TTGTGCTCCA	ACTGTGGTGC	CTGGGAAGGA	GGCATTGTCT	CATTTTCTC
540051	CCTTGATATT	TATCATAAAA	TGCCTACTAA	GTGCTCACCC	AATCCTGTTA
540101	CTCCTATTCT	CTCCAAACAT	GTGATTGCCC	CCAGCAGACC	CTGAGGCTGG
540151	ATTCCCTCAG	AGGAGAATGA	TAGAGGAGCC	AAACTGACCA	ACCCTTGACT
540201	ATAATAGCAT	GATTTCACTCT	GTAACAGTGT	GACATCATCT	ATAATAGTGT
540251	GATGTCATCT	ATAATAGCAT	GACACCATCT	CACTTCCCTC	AAGG'TTCCCT
540301	TATGACT'TCC	T'IAAATATGT	GTAGGCACAT	GAAAAC TGGA	AAGCCTCAAA
540351	GCCACCATGG	GGACAATTGG	TTGGAATCAT	GGGTCTAGTT	TAT'TTACCAG
540401	AGCCAGGGGA	ACAACAAACA	TGGACCACCT	AGGTCTACCA	TCTTCTGTCT
540451	TCTCACTCGA	AAACAGACT'T	CTAAGAGATA	ATGATAAAAT	AAAGTATCAG
540501	T'TTGATCTGA	TATACTCACA	AATTTTCTTA	TAATAT'TACC	TTCATGAAAT
540551	ACTAAT'TTGC	CGATGTCTTA	GGGTTT'TACT	GCTATGAATA	GACACCATGA
540601	CCAAGGCAAC	TCTTCTAAAA	GACAGCATTT	AAT'TAGAGCT	GGCTTACAGG

540651	TTCAGAGGTT	CAGTCCCCTA	TCATCAAGGC	AGACATGATG	CAGGCTGAGA
540701	GTTTTACATC	TTCATCTGAA	GGCTGCTAGC	CGAATATTGA	CTTTCAGGCA
540751	GCTAGGATGA	GGGTCTTAAA	GCCACACACC	ACACTGACAC	ACTCCAAGGC
540801	CACACTTCCT	AATAGTGCCA	CTCCCCGGGC	CAAGTATATA	TGAACCATCA
540851	CAGCCAATGT	TCATGTTCAC	ATAGCTGATT	CCCCCTCCCC	CAACCCCAT
540901	TACTTGAAAA	TAGCTTTCCC	CTGCTCCTTC	CATAATATAT	CAGGATTACA
540951	GTTATCTCTG	TCCCTCTATT	CCTCTCAGTT	CCTCCCCACC	TCCCCAGCCA
541001	CCCAGGTTCA	CCATCTTTCT	GTCTCTCACF	CGAAAACAGA	CTTCTAAGAG
541051	ATAATGATAA	AATAAAGTAT	AAATAAGATAA	AACAAGAGCT	AATGCATCGG
541101	AATAGGACTA	AACAAAACAGA	AGAAAAAGAG	CCTCCTAAAA	AGGCACAAGA
541151	AACAGATAIA	GATGCAGAGA	CACACACCCC	TTCCCTCATTC	GCCATAATCC
541201	CATAAAAAACA	CTAACTGGGA	GCCATAATAA	GCAAAGGACT	TACAAGGTAG
541251	ACATTTACAC	ATATATATTA	TATTACATAT	AATATATACA	TGTGTATATA
541301	TATCCCTGCC	ACAATATTGT	GAGATGAACF	TCTAAAGATG	CTATTGGACT
541351	CATTTTCTAT	TGGCCATCTG	CTGCTGGGCA	TGTGGCCTAC	CGTGAAGAGT
541401	AGTTTGTTC	CCGAGTAAGA	CTGCCTTGGA	GGAAGCTAAA	TTTTTCATTTT
541451	CAAGCGGTTA	TCAGTTGAAG	GTGGCTTCTG	GGCTAGAGAT	GGGGACATGG
541501	GTACACTTCT	CTTTTCTGCT	GTAGGACCCC	ATGTGGCACA	GAGCAGTGCA
541551	GGCTCTGTGT	GTGCATGCTG	CCTCCATCTC	TGTGAGTCTG	TGTGTGCATC
541601	AATCCTGGTG	ATGTTCCCCG	GAGAGCCTCC	ATCCCCCTCTG	GTCCCTTATAC
541651	TCTCTCTGCC	TTCTCTTCTG	CAGGGCTCTGA	GCCCTGATTG	GCCCTGGGAG
541701	TGTTAATGGA	GACTCCCCGT	AAAGGCTTAG	AGTTTCAACA	GTAGCTGGTT
541751	TAATGTATTA	GTTCCTCTGC	TCCACTATTG	CTTGGAGTGC	TTTCTTCAGA
541801	GAAGTTAGTG	GTGGGGAAC	TTGGCACTAT	TTTLAGCCCA	ACAACCATGC
541851	TGTTATACAG	ACTTCAAAAC	TTTTCTGTAA	AGAGCCAGGT	TGTTAACATT
541901	TTACTCTTTG	CAAACACTCT	TTAATCTCTT	AATTATGGTT	AATCTCTTAA
541951	TCATAGCTAC	TGACCTCATG	TTGTTCTCTG	AATGAAGCCA	GGGATTGGTA
542001	TATAAATAAG	CCCACAGAGC	TAGGGCCCTA	TGAAATATTA	TGGACACTGA
542051	AACCTGAATT	CCTTCTCATT	TTTATTGTCT	ATGAATTATT	CTCACCCCTC
542101	CCCCATAAAT	TCAAATCATF	TAAAAACGTA	AGAACTACTC	TTGGCTCACA
542151	GGCTATTTCGA	ATACAGGCCA	GATGTGGCCC	ACTGGTAGTG	GCTTGCCAAT
542201	GGCTGCTCTC	CTGGAAAGTT	GGGGAGGAAA	GCAAGCCTTC	TCCAAGGCTG
542251	CTATTCCATC	TAGAAGGGGG	GATGACAGAA	GGGCTTGGA	GCCCTAAGCA
542301	AGGGTGTCAT	CATCAGCAGA	GGGAGACCCA	GAAGGCTCCA	GAGCAGGGGC
542351	AGGACGCTTG	AGCGGTGTCT	TGAAGCTTAG	TGAAGAAGGC	AGACAAGGGA
542401	GTGCTGGAGA	GCATCCAGCT	TGCTCGCAAG	TGGGATGTTG	AATGAGTCTC
542451	TGAGCCACAA	GCCACTTACC	CTGGCTGGGG	AGTGTCCAGA	ATTGAGTGTG
542501	CAGGACCAGA	TGGCGAAGGG	CATAATGAGA	CAAGCAAAGG	TGGGTAGGTT
542551	TACCCGGATG	GTCACTTTCA	GACTTTCCAA	ACCTTGCTTT	TTAAAATAAA
542601	CACCTGCCCC	GAAGCTCCGT	GTGTTCCAAA	AGAACAGCGG	GTCCCTCTTG
542651	ACCTGCTGT	CCAGGAAAGA	GCCTTGCCAA	GTTTCAGGGT	GCTAGGTGAA
542701	GCAGGTTGCA	AAGTCCCCAG	ATCCCCACAG	TTGCCCCACC	CCCCACCTGC
542751	ATCCATGCGT	CATCTTCGGG	ATTCTTGCTG	AGCTTGGTGG	GAAGACCAAG
542801	ACTGAGGATT	TAGGGAGCAG	CAAGAGGTTT	AGAAGCACAC	CCAACCCAG
542851	TGTGTTCTAG	AAAGATCACT	CACGATAAAG	TGGGTAAAGC	AACGTATTAC
542901	AAGGACAGCC	AITGCTTCAC	ATTGGCTATT	TCTTGTATTT	ATTTATATT
542951	AGGGGCCAGC	CGTGTGTGAA	AGCACCGCTC	TCAGCACTAA	ATAGGGAAGA
543001	TAATAAACTT	GTAGCAAATA	GGTATTTT	TTTTACATTA	AAACGATAGC
543051	TAAAACTTTA	GAAGATGCCA	TATAGCACTG	TATCCCTCTA	ATCCTTACCA
543101	TACTTTTACG	AAGTGAGGCG	TTTGTATTCC	CCAATTCGCA	GATGAGAAAA
543151	CAGTGATGCG	TGTTAGGGGG	AGGTGGGGGT	GTGGGGGGGT	GGGGAAAGTT
543201	CTTCTGAAGA	CAAACAAGAC	TTCTTGAGAG	CCACAACCC	ATCCCCACCC
543251	CCGCTGCGCA	TGCGCACCAT	AGCTGGGTGC	CTACTTTGCC	AAGAAACCTG
543301	AGGGCCAGTG	CAAGTGCTCA	TGGGAGGACA	CCCTGGTCAG	TGTAAGAGAG
543351	ACCTTGAGTG	TAGTTAAGGG	TGTGAGGGAG	TGAAGAGGAG	AGTGGCAGTG
543401	GGCTGTAGGA	CGAAGTCGCA	GCCCTTCCAA	CAGGACCCCC	TAGGCTGTGG
543451	GAAGAGATTA	GATTTTAGTC	TCAAAGCCTG	GGAGAGCTTT	TTGAAGGGAA
543501	GCAGGATGAT	TGGATTGAA	TTTCTAAGTA	ATGGCTGGCC	TGTGGGGAAT
543551	GGCTGGCCCT	GTTGGAAGGAG	GAGAGCCTGC	AGGAGGCTCT	TACAGTATTG
543601	CCGGGACAGA	AATGATGTTG	CTTCTAGCCA	AGAGTGAGAA	GAGAGGATGC
543651	AAATGGACTG	TTATTTACTG	TCATAAGCCG	ACGGAATAATG	AGGACCTGAA
543701	CTGCAITCCG	GCCATGAACA	CAGAAAGGAA	GGAGGGGATG	AGATAGCTCA

543751	TTAAGGAATG	GTATTGAAAA	GTGTTGGCAG	CCCGTTAGAA	GATGACTTTA
543801	ATTGCTGTTG	GGTTTTGGTT	GCCTTTGGGA	CATCCAGAAA	GAATGATAAA
543851	AGAGGCATTC	TGACAAATTT	TAGGAATTTG	TTCCCCAAA	CTTAGAATAT
543901	GTTAGGCTCT	TTTAGGCTCA	AACAGCCCTA	TTTGGACTGT	GTGTGCCCTG
543951	AGTGGTATTT	TAATCTGCTC	TCTTTTGCTA	TAACGAAAGA	CCTAGATCAA
544001	GCTATAAAGA	GTGGAAGTTT	ATTTGGCTCA	GGATACTGGA	GATTTGGGAAG
544051	TCTATTGCCA	TGGTCCTGGC	ATTCAGCGAG	GGCTTTCTTG	CTATATCTTC
544101	ACACGGGCAA	GAAAAGTGGG	TGCAGCTCAA	ATACCCCTTT	CTGTGGAGGA
544151	AGCCACTAAT	GTCATCCTTT	TGTAGAAAAG	ATTTATTTTC	ATTTATTCAT
544201	ATTGGTCCCT	TGTCTGCATA	TGTGTCTGTG	TACTTTGTGT	GTGTGCAGTG
544251	TCTGTGGAGG	CCCTGGAGAG	GGCATCAGAT	CCCTGGAACG	GGGGTTACAG
544301	ATTTGGCATGA	GCCACCATGT	GAGTGCTAGG	AAITGAACCT	ACTACTTCTT
544351	TTGCAAGAGC	CATCTCTCCA	GCCCCAATGC	CATCTAATCT	TAACAGTCTC
544401	CAAAGGATCC	CACCTTCAAA	TATGAATGAC	ATGTGGATAI	TGGGGTTCTG
544451	CTACTGACAG	ATGGACTCTT	GGAGGACACA	TTCAAATCAT	AGCAAGGGGA
544501	GTGGCCTGGC	TAGTTCATCC	CATTCTTTCC	CATGATGCCA	TCGAACGCAC
544551	AGTGATTGAA	CCCTTAGCAA	ATGATTATAC	AAACTGCAAA	GAAGGCTCTC
544601	CTCATCTAGT	GGAAAAGACA	GTGATAAGAG	GGGGCTGAGA	TAAAGGGTTT
544651	CAAGATGGGG	CTGTGTTTAC	AGGAAATAA	AAAGCCAGGC	AGTCTGAAAG
544701	GAAGGGTGT	TCTGGGGACI	TCTGCTCAG	TAAGGCAGAA	TTTCTTGTCA
544751	GGGCGTCCCT	ACCCCGAGCC	TGGCTGAAGA	AGTGTGTIAT	CTAACACGCC
544801	AGCTGTTCIT	CATCAITGCT	CAGTGGCCTC	CCCTGAAGGC	TCCTCTCTTC
544851	CACTGTGACC	CCTTTTAAGA	ACTGGATTCC	AAGTACTGAC	CCGTGTTTCT
544901	CTGAGGCAGC	GGGATGGGGG	AAAGCCTGAA	GCAGCTGGIA	ACCACGGGTG
544951	TCGTCTTGTG	TCAGGCTCCC	ATACTCAGCA	ATAITTTCTTT	TCTTAACCCCT
545001	ATGGGAGTCT	TGTGCCATGG	GCCTCTGATG	AAACCCATAG	CTCCTAAGCC
545051	TATTTTAAAT	GCCTCAAATA	ATTTGGGCTG	CCAAGTAAAC	CAATTATATT
545101	GCTATACAAA	GATGTTACTG	TGTAGTAATA	TATCTTAACA	CATTGAACAG
545151	CTAGGTCTAG	CAGCAGCAAC	CACTATAATC	TCAAAGTAGA	GATGAGCTTA
545201	AATGATCCIT	TGAGATATTC	GCAGTAACTA	TGAAATGATA	AGAAAGTGTC
545251	TGATTTCTTT	TGGTGACAAG	GCATGGCTTC	ATTTAATACT	GCTGTGGACT
545301	GAATCCAAAT	TAGGGGAAAT	GCTGCTTCAC	TTAGAGCTGA	AGTAAAGATG
545351	TACCTGCCIT	CTCGCCTGCT	CCATGGATTTC	CTTGAATTCT	GGGCCTGAAC
545401	TAAGGATATG	AGTAGAACTT	CCACTCTGAA	CCATTTCATTC	ATTTACGTCT
545451	GAGAAACCAT	AGTGTGAAAT	GTAAAGTGTC	TCATITTTGTT	TCAAAGCCCCA
545501	CTTGATTTAC	TTGCCTATAT	TTGTGAGCIT	ACTCITATAT	GTATTTATAG
545551	AGCAGACATT	TAGCCAACAA	CAAGTGAATG	GATGAATGGA	AATATGGATG
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545651	TGGGTGGGTA	GATAAGTGGG	TAGATGGGTA	GATGCATGGG	TGGATGGATG
545701	GATGGATAGA	TAAGTGGGTA	GATGGTGGAA	AAGTGGGTAG	ATGGGTGGAT
545751	GAACGGAAAT	ATGGATGGAT	GGATAAGTGG	GTAGATGTGT	GGATAGATGG
545801	ATGGATGGAT	CGGTGGATGG	AGAGATAAGT	GGGTAGATGG	GTGGATGGAT
545851	GGTTGGITGG	GTGAAAGGAT	GGITGGGTGA	GTGGTAGGTG	GATGGTTGGA
545901	TGAATGGATA	GATAGGTAAG	CAGATAGACC	AGGTAGGTGA	ATGAGTGTAT
545951	GGGTGGTGGG	TAGAAGGATG	GATGAAGAAA	ATTCAGAGAG	GAGAAAATGAC
546001	TATCTAAATT	CTCTCAACTC	CTAAGAAATA	GAGCTTGACT	GTGAATCTGA
546051	TAGTTTAATC	TCTTGTTATA	ACTTTAGAGT	TGAAATTTCT	AATTCTITCT
546101	ACCCCTCCCA	GCTTCACTAG	TAACTTTCAG	AGTTGAAAGA	ATGTTAGCGC
546151	CGGGCGTGGT	GGCGCACGCC	TTTAATCCCA	GCACTCGGGA	GGCAGAGGCA
546201	GGTGGATTTT	TGAGTTCGAG	GCCAGCCTGG	ACTACAAAGT	GAGTTCCAGG
546251	ACAGCCAGGT	TACAGAAAAC	CAGTCTCATA	AAGAATACTA	AAATGAAGAC
546301	AAGCAAGGAA	GAATGTAGCT	ATAGTCACTA	GTTATAAACG	CCCCCTGGCAT
546351	TCGACCTCTA	ATACTCATAT	GAAGTCACGA	ACAGGATTAC	ACTGTATAGC
546401	ACGGGCTGTC	AACTGGAACC	ACGCATAAGC	AGGAAGTGCC	TGAAGCTAGA
546451	AATCAGCAGC	ACGTGCTCTG	AAGCGACTCT	AATTGGTACG	CAGGAGCGCA
546501	TAGAGCTGAC	ATAGAGAACA	CAGAGAAGGA	GCGCAATGCG	GGCACAACAA
546551	TCAGGGCAGG	GATGCAAGAA	AGGCACAGGC	GAAGGAACAA	CGACAGAGAC
546601	AGGACACAAA	CGGAAAAGCA	AGAAAACAAA	CAGAAAGAAA	CCAGAAAGCA
546651	AAGCAAACAA	ACCACAAATG	ACAATAACAA	CAAAAGACAA	AAGCATGGAT
546701	GAACAGGAAC	ACGAAAAAGC	GAACAACACA	GATCCAAAAG	AACACCACAA
546751	AAAACACGGA	CACAAAAGAC	ACACAGCACA	GCCAGTAACA	CAACAGGACA
546801	CAAAGCAGCA	AACCACACCA	AAGCAACGGG	CCAGCCAGAA	AAAGAAAAAA

546851	AACCAAACAG	CAGCAGAGAC	CACACAAAGA	AAAGCACACA	AAGTGACCCA
546901	GCCACATAAA	CAAACAGAAA	CAAGCACACG	CACCAAAAAA	GACAAAACAA
546951	GAAGAACAGA	AAAAAAACAC	AACAACAGCA	ACAACAGCCA	ACCTAAGXXX
547001	XXXXXXXXXX	XXXXXXXXATA	CTCATTTTTT	TTTAAAGACA	GGGTTTCTCT
547051	GTATAGCCCT	GGCTGTCTCT	GAACTCACCT	TGTAGACCAG	GTTGGCTTCG
547101	AACTCAGAAA	TCCTCCTGCC	TC'TGCC'TCCC	AATTTTATT	TTTATATCGT
547151	ATTT'TTGT	GT'TGTTGTG	TGTGTATT'G	TAAGCATTGC	ATGGT'GCACA
547201	TGTGGGAGCC	AGAAGTTGTT	GTGTGTGTAT	GCATGAGCAT	TGCATGGTGT
547251	ATGTGT'GGGA	GCCAGAAGTT	GTTGTGTGTG	TATGCATGAG	CATTGCATGG
547301	TGTACGTGTC	GGAGCCAGAG	GATTACCTTT	AGAAATCAG'I	TCCCT'TCTTC
547351	CACAT'GTGGG	TCCTAGGGAT	TGAAC'TTAGG	TCCTCAGGCC	TATCAGCAAG
547401	TGCT'T'ITACC	CACGAAGCCA	TTCCCTTAGC	CCTGAAT'IAA	GTTA'I'TCTAA
547451	TTATGAGAAG	AGACAGCTTC	TTTATT'TTGT	TCAGAGCATG	TGTCAAATAC
547501	TTTGTTCGT	TCTTAGAGTC	ACATTATT'TT	ATTTTGT'TAC	AGTTGCGGCT
547551	TGTATGTTGC	TGT'PATGAGG	CCATGTGTCT	CCATACAGCC	CAGTC'IAAGC
547601	TTAAGACT'IG	AAATGTAACC	CAGGTT'TGCC	TCAAATCCAT	GATCT'TTCTG
547651	CCTTAGCCTC	TTGGATACTG	GGAAATAAAT	GTGTGCATGA	CCACAAATGG
547701	ATT'TAGAGAC	ACAT'TTTAAA	TAGTGGT'ACA	CTCAGTTACT	AGGCTATCTA
547751	TGGATCAGAA	GCTGTCTCTT	GTGAGTTATT	GATAAGCTGT	GGATATGAGA
547801	TTAGGTTTAG	ATACCTGGTA	TGAGAATGTG	GGGAATAGTA	AGTTACTATC
547851	GCTCCCCAAC	GCAGACCAAG	ACCCACTGTT	TACAAGGGAC	AAATCTTGCC
547901	TCGGT'TGAAG	AACTCTGTAA	TGA'I'TAAACC	TACTTAGCAG	TGTTCC'TTAC
547951	TTGCCTGATG	AGAT'ATTGAT	TGAAAGTATC	CAAACAT'TGA	TCTATGTGTT
548001	TATTTATTCA	TTCAATAAAC	ACTTATCGAC	ATCTTACTAC	AAGCTGGATG
548051	CTGAGGTGGA	GGCTGC'TCTC	AAACTAGAGA	ATAAGACAAA	CTGTGGTAGA
548101	GCTCAGAGTC	TTCTGGGAGA	TAGACAATAA	GTACAATT'TT	TAAAACAATT
548151	ATAGGTATTC	TGAAGGAAAT	GAGCTGACTG	CTATGATTCA	GAGTAAGAAC
548201	CGGGAATGAG	GAGAGACGAG	TTCTTGGGTT	GCTGAAGAGT	TAGCTTAAAA
548251	TCTGAAATAT	CCAAAAGAGT	CGGTCCACAG	GGAACTGGAG	GAGAAGCAGC
548301	AAAGAAATAG	CGTGTGGCGA	GACCTGAGGT	GGAAAGATGG	CAATGCATCC
548351	CTGAAAGAAA	GCTGCTGTAG	GAGCAAAAGC	AGCTTAAAGG	AGGAGAGCTA
548401	AGGGATGTCT	CTGCAGTCAT	CAGGGGACCA	GCACAGGTGG	GGTCTCAGGT
548451	CTCTGGGTAT	AATTCTGAGT	GTAATGGGCA	ACATTGAAGA	CTGTTGAGGA
548501	AGGTCTAACT	TGTCTTAAAG	ACCACCTTGA	CTGCAGGATG	GAGGACAAGT
548551	TGTGGT'TTTA	ACTGAGAGAA	CAGT'TGATCA	GGAGGGAGGT	GCTGGGAGCT
548601	CAGCCTGGGT	AGATGCCATG	GAGAGGAAGA	GGAGGATGGG	CTGGAGAATG
548651	CTGGAAAATC	TGGCTTGGAT	AACAGAGCCA	GTCATGGGAG	CAGAATCTCT
548701	GGGATTGAC'I	GGTGGTCCCTG	TTGACTGTGT	TGAG'I'TAGTG	TTGAGGAACA
548751	GAGTAACAAG	AGAGAAAGCC	TACACAGCAT	CTTTCAGGAA	CTCTGAAGCC
548801	GTGCACGGAT	GGGGTGGTTC	CTATGACACA	ATGACATCAG	TGT'GTT'TGGA
548851	GAGATTGGGG	AAGGTACTTG	GCACCTGTCT	GCAGCATGTA	GGGGGCACTT
548901	CTGGCATCTT	GTGGAGAGTA	GACCAAGATG	GCCCAAGAGA	CATACCTCAA
548951	GATGGAAATG	ACTCCACTCA	GAACACCA'IT	AGCTTTCCTCG	TGGACAGATT
549001	TTGGTGGACT	ACCTCCTTCG	GTTTAAAGAGG	CTGGAGGATC	CCGTTTCCAT
549051	GCTGCCTACC	ATTCATAGCT	TTTGGGGAAT	GAT'T'IAAGT'I	GTCTTTTCAA
549101	AAACAT'TTAG	CTGAAATTAC	CTTAGAGGGA	GAAAAGAGAT	GGTATGAACC
549151	AGGAACATAA	AACCCGAAGG	AGGAAGTAGA	ATGGT'CTTGG	AGAGGGGGCT
549201	T'TAGCAGCAG	G'TAGGATGAG	GAAGTGGACG	ACTCAGGGCA	GGAATAGAAG
549251	GACATGTGAA	GTCTGTGCCT	CTTTCAAGTG	TCTTCTGCAG	GGGAGCTATC
549301	CCCTGAGACA	TTGTACACACA	GCTCTTCCCT	CAGCCCCCTT	CTGCATCAGC
549351	CTCCTGCACA	CCTTGGGGTT	CTCCCATGAC	TCTGAAT'CCC	TATGAAAATG
549401	TCCCTTGGGA	TGGCCCCATA	CATGTCATAA	ACTTAGCTGG	AACCCAGTCG
549451	ATGCTGTCTG	TTCCAGAAGA	ACTGGAAGAA	CGTGACAACC	TGAGCAGCTA
549501	ATGAAGTCCC	ACTCTAACTT	GAGT'AAAAGG	T'TTGT'TTGGT	TTGTTTGGTT
549551	TGTT'TTGT	CCAGTTCTTT	AGCTTGATGA	CGATGACT'IC	CTAATTATTG
549601	TCA'TGCACAC	GATGTCACCT	GAGTCTCGCG	GCAGTGCTGG	AGCTAGGCGG
549651	GGCACCAGGT	AGGGATGTGT	CCATTGTACA	ATGTGGTGAC	CCGAAGAAAC
549701	CCACT'TGCCC	AAATCAAGCA	GACTGT'CAGA	GACTAGAAAT	TGGAATTACAG
549751	AGTCTTACTA	ACCGGGTCCC	TGATGAATCA	CAAATAGCAA	TAGATGGAGA
549801	CCCTGT'TTGA	AAACAAGAGT	AACCCAGAGG	AACAGAA'TAC	AAGATGAACT
549851	GCCCAAGAGG	GCATTTTATA	AACCCGAGAA	ATTAATAAGC	ACCAGCTGCC
549901	ATTCAT'TCGC	CTTTGTCTTA	TAAGGAAAAA	CCAACCTCAG	GAGTCTTCTT



549951	AGCACTGGGT	TTGAGTAAAA	AGCTCAACTC	TCCTCTCTCTC	TCCTCTCTCTC
550001	TCTCTCTCTC	TCTCTCTCTC	TCTCTTTCTC	TCTCTCTCTC	TCTCTCTCTC
550051	TCTCTCGGTC	CCCAGCACTG	GAGGCCCAGC	TTTGTGGATA	TTTCTCTGTGT
550101	GCCTTACTGC	AGGAACCTCA	TTGGGTAGAC	CTTGTAITGGC	ATCTTITGGTC
550151	ACCTAGGAGG	CAAAGCTGAG	GCTGCCTTTT	CATGTCCTAG	AAATCATGAC
550201	TGGTGCTCCC	TTTGGACTTG	TGCAGTGAAC	AGTGTGGACC	ACAGCTCTGG
550251	TGATCACTGC	AGACAAAAAT	AGTATGACAT	GGCCATCAAA	CTACTAGATA
550301	TGCTCACTAC	TCCTTATGTA	CTGGCCTGCA	TGCATGCACA	CACACGGGAA
550351	CATGTCCAATC	AGCCCATGGC	GTGTTCCTCA	CCCTCGATGG	CCTGGTCCCA
550401	GTTTGCCATG	TTGGGTCCAG	ACCTCTCAGT	CTAATCATCA	TTTGAGAGAA
550451	GGGTGCTTTT	TCCCTCTGGCT	GAGAGAAGTT	TCCCCTCAGT	GAGAGCTAAA
550501	CTGTAAGCGT	GCGAGTGGT	ATGGTGAGAC	GCGGCAGGAA	GGAGAAGTGG
550551	AGGGACAGCT	CTGAGGGAAC	CGGGAAAAACC	CAGAGGGAGA	TGGGGCTTAG
550601	AGCTGAATCG	AGATTGGAT	TTGTTCATGAA	AGACAGAAGT	GGCAAAAGCA
550651	TCATTATGAG	GCAATTAACCT	TGTTACACAC	AGACGAACAA	AGACAGGCAG
550701	GGACTCGGAG	AGAAATTACA	CATAATAAAC	TAGGCAGAAT	GGGCTGAGAG
550751	CAACATTAGC	AATTACACCC	TAAGGGAAGA	GAAGGGCAAA	ATAGAAGACA
550801	GGCCAGAGGC	AGGAAGGAGT	GAGAAATAATT	TCTGGACACA	GGGGGCTGCT
550851	TGCACGATTT	CCCCCTCTTTT	CTGCTTGACT	CCCTAGGTAT	TAAGTTCCCCG
550901	TTTGTGAGGA	GGTTCTCTCTG	AGGCCCTCTT	TCTTCTGTTT	TTCCCTTTGC
550951	TAAAATGAGA	GTAAGAAAAG	CATTCTGAGG	GTTCCTTTCT	CCATTACAG
551001	GGACCTGTCC	ATTTCTCTGT	GTTTTTAGCA	CAAAAGAATC	CATTTCCATT
551051	CATCCAGACC	GGTCTGGGA	GCTTGCTGGG	GGGTCTAAGC	CTCTGCCCTC
551101	CTCTTTTCTC	CCAGGCTCAT	AATTAGCCAC	AGAGTTCTGA	CTACTGCCAA
551151	GGGCTCTTG	GCTGGCCAC	TGCTAGATCC	AACAAGTTAT	GGTGTGTTATT
551201	CCTTAAACAG	TGATTTTCAG	GAAATCCCAT	GGCAGCTACT	GTGGTTAACT
551251	TAGTGAAAAC	TCTGTCCCCA	AGAACCCTAGG	GCCCATTGTG	TTTCTCCTGC
551301	GCTAATCTCC	ATGAGCTGGT	TTTCGTCTCTC	CATCTTGGAT	TTAGTGGAAG
551351	CAAAATGTCT	TCCTTTTCTT	ACAGTCATAT	CTTATGCCTC	TTGTAAGTGT
551401	ATCCCAAGGG	AGGGCATGAG	AAAGTATCCAA	CAGCTCACCT	GCAGGTTTTT
551451	ATCAGTGAGG	AAACTATATA	GCCAGGAACC	CTTCCAGGGA	GCTCCTTAAG
551501	TCTCACTGAG	TAGCCCTGGG	AATGGACAGC	CATAGTTCTC	TGTGAGATAG
551551	GAGGACAAAT	GCCTGGTAAT	GGTGAAGTGA	ATCACCATT	GGTTGGACCA
551601	ATTATGGCTT	CTGTCTAGCT	TGGGTATTATG	TGATCTGAAG	GAAATTTTAG
551651	AAGAACAGCT	AGCTGTCTTG	GGTGTGGTAG	CAACTGTTTG	CCTTTTAA
551701	TAAGGTAGTG	CCCACAAGTA	CAGCTTACTT	GTGTGTAAGT	GTGTGTCAGG
551751	CATTTTACCA	AACGAATTCA	TTTAGTCTCTT	ATAAGAACTT	AACAAGCTGTG
551801	AAGAAGAAAT	GTTATTACCA	ACCCTTCCAC	GATATAGAGC	AGTAGTTCTC
551851	AACCTTCTTA	ATGCTATGAC	CCTTTTATTA	CACTGCTTCA	TGTACTGGTG
551901	ACTGCCAACC	ACAAAAGTAT	TTAGTTGGTA	CTTCATAACT	GTAATTCCTGC
551951	TACTCTTATG	AATCGTAAAA	TATCTGATAT	ATGATTCCCC	ATCCCCACCC
552001	CTGTTGAGAA	CCACTTGTTA	TAGGGCTGAA	ACAATACATT	TAAAGTCCCT
552051	TAGCTAGACA	ATAACAGGGC	CCAGGCTCAA	CACAGGTATT	GGGCTCTTTG
552101	TCTGGAAAGG	TGGTAAGTAC	ACACCGTATA	GCACCCTGAG	AATATCCATG
552151	TGCTAGGTAG	TATTACTCAT	ATGATCACTT	AAAACCACCT	CCCTGATGCT
552201	GCAGCCCTTT	AATACAGCTC	CTTATGTGTG	GGTGACCCCT	CTACCCCAAC
552251	CATAAAATTA	TTTTTCACTGC	TACTCCATAA	CTATAGTTTT	GCATATCTTA
552301	TGAATCATAA	TGTAAATATC	TGTGCTGGAA	AGCTGTGTGG	TCTTAGGTGA
552351	CCCCCATAAA	AGGGTTGTTT	GACCCCCAAA	GGGTTCCCAA	CTATCAGGTT
552401	GAGAACCAGG	GACTTAGAGT	GTCATCTTCT	TAAGTAGCC	AACAGTCAGG
552451	CACATTTGGC	TTATCAGACA	GTAGAGAAAG	CCAACCAAC	TCAGATTCAG
552501	TAAGTCACCA	GGGTATPCCG	GTGAGCGAGA	ATTGAGTTCA	AAGGCAGAGT
552551	AGACCCGGGT	GGTTTGTCCC	ATCCCACCAG	TCTCTCAAGT	AATACAATAA
552601	TGAATGATTG	CAATTCGTAG	CTGTGCTATT	AGTCTCAGGC	TTATTTGAAA
552651	ACTACATCTT	TTGGGAAGAA	GTCAGAAGTC	AAAGGAGAAT	GGGAATGGTT
552701	TTCTCTCTGT	TCCTGTCCAG	CTTCTGGCCA	GCCTATGTGA	CTTGGGGAGA
552751	GTCCTTTGGCA	AGCAGGCTAT	CTCCCCCAGC	CTCAGCCAAA	GCTTACCCAG
552801	GCCAGCACTG	TCCATGGATA	ACTGGAACAG	AAACGGCTAT	TTGGTTCTTA
552851	CCGCAGACCA	GACCTAAGAC	TCCAGTCTTA	CTCGGTACTT	GTGGGTAAATC
552901	AACAATCCAC	AGCCCTTATT	CCTTTTGTGT	TGATAAGAGG	TGTAGTCTCTC
552951	TATTAAGAAA	TATGATAGTG	TGAGAGCAAT	CTCAAAGCTC	AGAAATGATG
553001	CCCTAAATCT	CTGACTTCGC	TTCTCTATGA	TGCTCAAATA	AACAATAAAT

553051	AATAAACACA	A'AAAATGAT'C	TTACATTTGG	ACAATTCTGG	TTTTATTTTA
553101	AGCCAGGATG	TGTGATG'GT	CTG'GGGGTG	GGGTTT'TTG	TTTTGT'TTT
553151	CTTTTT'TCCT	TTTTTT'TTTT	TTTTTGGGT	TAAAGGTCAT	CCAAC'TTTT'
553201	TTCTGCTCAT	GATCACGAGG	CTTCCTTATC	TAAACAGAGG	TCTATTGTTC
553251	CAGTCC'TCAG	ACCTACAGAG	ATC'TTT'TTC	CTCAACTTCA	CTTTTAACAG
553301	GATAACTGCT	CAACCTCCCC	AATGGCAAGA	GACGTAAGGT	CTT'TTCACAG
553351	GAAAACATAA	ATGTCTAAT'G	GGCA'TTCCAG	AAGTCTCCTT	CAAAGGGAGT
553401	TTACTATATA	GCAT'TTTATG	CAAATGAGAC	ACTCTCTTAG	GCTGTGGCAT
553451	TCCTTCCTTG	AAACAAGCCG	GGGTATCGGA	GGGAGCTACT	CTCCTCAC'T
553501	ACCATT'TCCT	CACAGGACAA	CATCAACAAA	GAAATATCGA	TGGCGCTTTT
553551	AAAGCCT'PCA	GAAATCAATT	TAGTCCATGA	ATCTATT'TAG	TT'TAGATGTT
553601	AATGAAACT'T	GGTGGCTTTA	AAAAT'AATGA	ATATT'TAATA	AGACATAAAT
553651	TGAAAGACA'I	AAACACTGTT	GGCAATAATA	TAATGAAGTT	AATAAGCTTT
553701	GGACCCCAT	GTCCATCTCC	CTGCTCCCCA	AATGGCCCCA	TCTCAGGAGT
553751	CTCTATGATG	TTCACTGAAG	TTTGCTGCCT	CTCATATTGG	CCGCAA'TTTA
553801	AA'GCGCCTT	TGAAAACCGT	AATACGGTTG	GGAATCGGGC	TGTGGCAGAT
553851	AAAGTGAGCT	ATCACACTGT	GTTCAGTAGC	TGCAGTGGGC	AACGGCTCTC
553901	TCTTAGCTCC	CTATCTTCCA	GAGATT'IGTG	TAACAAACTC	AGCTTCCTGT
553951	CTTGGAGGCA	GGAAGCAGCT	TGGGGCCCTT	CATTCC'TTTT	AAACAAAAAA
554001	GGGAAAGATA	TCATGGTTGG	TACTCTCTGG	GCCCTTGGTT	TAAGGAGGGG
554051	CT'TTATTTAT	TGAGCAGGAG	CAAGCATGTG	ATTCCACGTG	CTCAAAACCT
554101	CATACAAT'T	CAACGCAT'T	GGGTTGAGGG	TTTGGGCTTT	TCACTTCCGC
554151	TTTAACAGCC	TCAGCTCAGG	GCCCAGTTCT	ACCCTGTTC	TCATTAGCTG
554201	GGTCACTACA	TATTATCACC	ATCCACAGTC	CCATCTGCCT	TCTGCCCTTT
554251	TTATTTCATCT	TTGGGCTTCG	CCCTGCACTT	TGTCTATTTA	GAATCTCTCC
554301	TCTCTGGCTC	TCTGCTGCC	CACTGATAGG	ACCCTGCTGC	CTAATAGGAT
554351	AGTCCGAGGT	CACTCTTGGG	ACATGTTTAT	GTTTCTGGTC	ACAGAAGCCA
554401	ATATCT'PACT	AAAATGAACT	ACAGCGAGT	CCTGCAAACA	GGACAGTTAC
554451	CTCCCCAGCC	CCAGTTTCTA	AATGGCTTCT	CTTCCGGTGA	TAATGCAAAC
554501	TCTGTGTCTT	AGAGCAAACG	GGGTTGTGCC	AGGCACGTGA	CATGGATGGC
554551	TAGCTCGGTG	CTGGCAATCA	GAACATGTGA	ATATACAGTT	AAGCACGACG
554601	CTCTCCGTGG	CTCGGGCAAG	CCAGGAGAGT	TGGCAGATGA	GGCCAGTGAA
554651	GGCTGTCCCT	AAGGATCCCC	TTGAAGAGAA	TGTATCTGGG	GCTCAGAAAT
554701	GCAGACTTCC	TAAGGGTTTG	CGAGTGGTAC	TTTATCAATA	TAAAGAGAAA
554751	CACTGATGTT	AGAAAATGAT	CATTTTCTCT	CTCCTTATTT	G'TTCCCTTTCT
554801	G'GTAGAAAG	AAGGGGATCG	GCCTGAACGG	GTCCAGCCAA	TTGCATCGTC
554851	TACACTGATC	CACTCTGACC	TGACGTCTGT	TTATGGCACC	GTGGTGATGA
554901	ACAGGACTGT	TCTGTTCTTG	GGGACCGGAG	ATGGCCAGTT	ACTGAAGGTC
554951	GGTTTCTCTG	TGCTTCTTCG	ATCAGATGTC	CAG'TTTTCAT	AAGCTCCTCT
555001	TAGTACCTGC	CTACCTATTG	TAAACTTCCC	CTCAGGCTCC	ACCGAGCTCT
555051	ACACAAGACT	CTACCTAACA	TGGCTCTGCT	TGTTCTGAAA	AAGCAACATT
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555151	ACCCTCCGCT	CCTGCCACCT	CACACTGTCA	CCCTGCAATG	AGGCACTAGC
555201	CGCCTGCTGT	CTGTATAGGA	GGCACACCGT	GCCCCCTTCC	TTACTCACGG
555251	CTGCTGGGTG	TGAT'GAATGC	TGCTCCAGCC	CCTACCCCAT	CCCTGACTCA
555301	CCTTCCTGAG	ACGTTTAACC	TTTCAGT'TCT	CACAAA'TCAC	CTTATTTCTC
555351	ACAAC'I'TCAA	AGAGACACGA	GATTAGAGGC	TTGAAAAGAA	AAAGAAGAAG
555401	AAGAAGAAAC	AGGTGTGCCC	TCCTTCCAGC	CCCTGTGCCA	CCCACAGAGG
555451	GGGTTTGT'TT	TCTGCCCCTG	TACCTGTACA	CACCAGGGAG	AGGT'TAAAGA
555501	TCTGAAATTC	TTCCAGACTC	CCCTGGCCTT	TCATCT'CATA	GGACTGT'TTT
555551	CCCCCATGGT	ATAGATGAAC	CTTGGTCAAG	CTGAGATTTT	TTTTTTTAAAT
555601	TCACCCAGAG	GGGGAGGGGC	AGCGGGGAGG	AGGAGGAGGA	GAAAGTCAAA
555651	TCAGAACCAC	CAAGGGGTTC	ATCTGAAAT'T	ACTCAGCGGT	CCTCTTGTCA
555701	GCATCCTTAG	CAAGCATGAA	TGGCGTGTCT	CCCGTGGCCT	CCAGCAACAG
555751	CCGTGGCTAG	GAACCGCAGT	GTCTGTCAAC	CTAGACTGGT	GACTGTGCTT
555801	GACCCCTCT'	CTCAGCAGCC	ACTCAGTTGA	CCCTCAGCTC	AGATTCTTAA
555851	TTGAA'TACTG	GCAGCCCCGT	TTGCCACCCC	CCCCACACAC	ACACCCCGCA
555901	GCCGTCGCCC	CTCTTCAGCT	AGCTGTGCCT	TTAAGGCGGA	TCA'TT'TAGCC
555951	TCTCTTAGCC	TCCATTTCTC	TAAATGTAAA	A'TGAGATTAT	ACTAGGCAAG
556001	ACAGGAAAAA	AAAAACCACC	CCAACCCTTT	CCTCATCTGA	TGGCTT'TGTA
556051	CCCACAGACT	CTCTCCAGCT	TAGCTTGTGA	GCCGCTATGT	GGTCC'TGTGT
556101	CCACACTTGA	TCATACCCAC	CCCTAGCCGG	AAATGGCTTC	CCCCTTCTTT

556151	CTATTCTTTA	CTGAGTTCTC	TAAITGGCTC	CAGTCCTGCC	TTCCTCTCTGA
556201	CGGTGTCCAA	GCCCCCAGAA	GTGTCTTGCT	CTCCTCGTCT	CCTGAGCTAC
556251	TCACCACCAG	CACCCTTCCT	TGACTTTATA	TTGATGTCTT	GCCTTGATAC
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556351	AAGGGCGCCA	TGAATTCCTT	CAGCCTGACA	CAATGCCGAG	TTCTGGGTAG
556401	GCAITITGATT	GAGTCTGTIT	CCTTTGGAGG	AAACCCAGTA	ACATATGGGA
556451	GGGAATTIGT	TTGTATACAC	ATTCTTTTTA	AATATACATT	GAITCATCTTT
556501	CTCCTTGAGC	TAGTITTCATT	TCCTGGGGAA	AGGAGAGGTA	GATAGAGAAA
556551	TACCCACCAA	TCITITGCACA	CITGACACAC	AGGAATGCCT	GTGGACATAC
556601	TAGCCTGGTC	AGGCCAAGGA	GGCCCATTA	CCCTGCAGAG	GAAGTTTCTA
556651	TCCGTCTTGC	CTGGGTCTCC	TTACCAAITA	TCTCTTCAGA	TTTGGGATGT
556701	TTTTGACAAG	TGTTTTTGACA	AGAAGACTGT	TTCCCCAAGC	TGAGCCTACC
556751	AGACTGTAC	ACGAAGAATT	GGAGGTGAAG	GAACACTTGC	CTATAAATAG
556801	TCCCCCATGG	GATGGCTTGG	CTTCCCTTGT	CCTGTGGATT	CAGATCAGCC
556851	ATTTCGTGTGT	GCAGCTGTCC	GAGTTTCAGT	CTTGCTAGAA	GCCGGGGGGT
556901	GGGCCCCAAGC	TGCAGCTTCA	CGCTGTITAAT	AGAAAGGTGG	TTGCGATTAA
556951	GTCTTGCCGT	CCTCATGGTC	TGTATGGGGT	ACCACCTTGA	GACCCCCATC
557001	TGGTCTCATT	ITCAGGGTTC	AATTAACAAG	GGTAGACAGA	TGTTTTGGTTT
557051	CAGTTTCATG	AGTTTACATT	TCTACAGTGT	TTCTTGCATG	TTAAATAATC
557101	CAGCTCTCTC	ACCAGCCCCA	TTTTACAGAT	GGAAACATGG	AGGCCFAGCA
557151	TTGTITGAGTG	ATTGGACAAA	GTTACAAATG	GGCAGTGCAG	GGATTTGAAC
557201	TTGGAACAAT	GTCAGAGGCT	GGATTCATAA	CITCTCTGCTG	TGGGGACAITT
557251	GCAGTCCGTG	CCTCAGCTTC	CAGGCTCCTC	CTTTGGGGGGC	TCTTAGCCAG
557301	GGGATGGITGT	GTTGGGAGGG	AGCCAGCCAG	CCAGCCAGCC	AGCCGACCCCT
557351	CTGATTGAGG	GAACCCCTGA	CCTGACCCAG	GATTAACCAC	TCCCCATACT
557401	TGGTCTCTAA	TAGTITCCCTC	CCACAGCAGG	AGGCTCTGAG	GGGTGAGGCT
557451	GTCTCCCTCC	CACCCTACTC	TCTAGGGACA	GTAGGTAAAT	CCCTTCATAC
557501	TGCTCTTGT	GTCCATGTGC	AAATICTTGG	ATATAGCTIT	TGAAATGACT
557551	TGGAGATGGC	CCCAACACTC	CCCCCAACAC	CCCCAAATAG	AATCATGCCC
557601	AGATGATCCC	CAGATCTTTT	TATTTCCAAAG	AACCTCCCAT	TCCTCTTGCC
557651	ACACTTCTCC	CCAGAACCCT	TAGGGAAGAT	GAACACITGAG	AGACACAAGC
557701	TTGGCTTCTA	AGCCTCTTCC	TGGAGGTATT	AATGGACACC	AGAGAAGCGA
557751	ACCCCGACCT	GCTGCCGACA	GCGGGAGGAG	GAGGAAAAAA	AGGGCTCGCA
557801	TCACCCACAG	CTGACTCAT	CAGTTTCGCA	GTGATCAAGA	GCGGAAGGCA
557851	TTTTTGACATG	TGCCAGGCAC	CGTATATAT	GCCTGGCTGG	ATCTGAGGCA
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557951	TTCTTCCGTC	TCTGCAAACC	TCATGGAGTT	TTAATATAAT	TTTGGTGCCA
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558051	AACTATAAGC	TCACGTAGAG	AGTTGCAGGG	TAGCGGGGGA	TAAGAGGAAG
558101	GCAAAATAAA	AATGATCTTT	AATTGCGTCA	TGTAGAGGCA	ACCACGTCTA
558151	GCATTTTAGA	TTCTTTTTTT	ACATAGTTGA	GGTCAGACTG	TATCCAGTTT
558201	TGAATCCTCC	TTTCTTTCAG	CTAATGAGGG	AAGAGGCTTA	TATTCAAATG
558251	CTGCTGCAAA	CCCTTTGTAA	ACAGTATTTT	TAAATAGCTC	TATCATGGTG
558301	TTATATGGGA	ACACAATTTT	GAACITGAGC	CGAGATACTG	GATCACTCTA
558351	TAAAAAGTCT	TTAAACACAC	ACACACACAC	ACACACACAC	ACACACACAC
558401	ACACACACCC	GTTCCAAAGA	AGACAGTACT	GITCTCCAAAG	GTAAGATTTC
558451	AATGATGAGC	CATGAGAAAC	CTAGAGATTT	TGTGGTTGCT	AGCACCCCTTA
558501	TTACCCCACT	TCTGCCTTTG	TAAAAATGGTA	GGGAAGGGGA	GGAAATGTGG
558551	AGCTCAAAGG	TCCTGCCCTA	CCAACCTCTC	CGCAGGTGTT	TTGGGATCCT
558601	GTAGCAAGTC	GCACCCCAAC	TCCCCCATCA	TCTTTCCATT	TTGCCCCCTT
558651	TCTGAATATG	GTTCTATGTG	ATCATTTTTT	TTAAAGTTGT	CAGTATCTCT
558701	ACTGAAATCA	GCTGAAAGTG	TGCCGACTCT	GAACFAGTG	TTTGAAAATC
558751	CACATGGCAC	GTGTACATG	GGGTATACCA	TCCTAGGAAC	ACATGCCATA
558801	TGCTTCTTCC	AACTGTGGTG	GAGTCTGTCTG	TGTGCTTTTG	ACTCCTTTGA
558851	GCTGACTCTG	TTGCCTGTAA	GAATATCTC	TCCTAATCTC	AAGGGCAAAC
558901	TGGGAGATTT	TTGAGCGTTT	CCAGGTGGTA	AAAAATTAAG	TAATAAAGGA
558951	ATATGCATGA	AATGTGAAAT	TTGTAACCTT	ATGCATGCCC	GTAAACCTTC
559001	CTTATAAGCA	TAAAAGATAA	ATAAGGAGGG	AGCAGGTAAG	GACTAATAAA
559051	AGCCGGCATT	TCTGAGCTCT	TACTATGCAC	CITGCCGTCTG	AACCAGCATC
559101	AGCATGGGTT	AATTCATTTA	ATCCGTATGA	GTCAATACTA	TGACCATCCC
559151	CACITTTATCA	ATGAGAAATC	CCGGGGCTTT	AGGGCATTAG	GCAGCTGGIT
559201	CAAGGTGATT	TGAAGTGA	CAATCTGTCC	CCAGAGCCTG	GGCTTTTCTC

559251	CTCTGGCAAA	ACTGCAATTA	CAGTTTAAAT	GTAATCTCIG	GAGCTTGACA
559301	GAGTGCCITGG	GATGAGCTGT	GGACTTTTCT	GCCTGGTGTG	AGGGCAACTG
559351	GGCAGGTCTC	GAGACACCAG	TGTCTGAGGT	TTCTTGAGAA	GGGGCCTTGG
559401	TTTATGTGGT	T'TTTACTTTG	TTCTACTITG	GGGACAGTIT	TGAGCAGCTG
559451	AGGGCTCAGC	CCCTCTITCT	GGGACTGCAA	GTGGCTCGTG	GGGACCTCTG
559501	TACAGCCATT	AGAGCTCAGG	TTTTCCCATG	TAGGCTCCCT	TTGAAGAACA
559551	GTAAACATTC	TGAATTCTGA	GCTAGCAGTG	TTTGAATGGC	CCCCTGATAG
559601	GAGAGCCAGG	GT'TPCCCAAT	TTCTTGTGTG	CTGAGGGAGT	GTGCTGGCCC
559651	AGGAAGCTAT	GTCATGCATG	CATGCAGCAG	AAGGGTATITG	CTCGCAGGGC
559701	TCCATCAGCC	CTGGCAGACT	GTATTGTTAG	GACTCGACTC	CATGAAGCAA
559751	AGCAAGTCAG	TTCGAGAGCT	TGCTTCCAGA	ACTCAAAAAC	CCACAAGTTC
559801	CTGAAGAATC	TCTCTAGACC	GCTGGCTATT	AAGGTGGTCA	AGTGAATGGA
559851	AGAGAGAGTT	TTCAAATAAA	ATATTTTACT	GTACTTCCAC	AAAATGTAAA
559901	AGTGGGGGGG	GGGAAGGACC	CAAGACAGGC	ACAGAGCTGG	TGGGGAGCGC
559951	TGAACAAATT	AATGGGCCAA	ATAGAAACCA	CAGGAAGTGC	CAGGCTTAGA
560001	AAAGGGCTCC	GTGGTTGGCT	GTGTAGAATG	TCATATGAAA	CTTATTTTCAG
560051	ACTCACTCCA	T'TACACCCCA	GCTTGTGAGT	CTGGGGACTC	CCTGACTCGG
560101	CACAGTTAGC	TCCAAGTAAC	ATGCAGGTCT	AGAACTCAGA	ATTGAGCCCC
560151	GTGCTTCTCT	AACTGACTAT	CATGAAGAGT	AGACAGAGCT	TCCCCCTCCTT
560201	CTTCCTGTTT	TCTCTTTAGT	ATTCCTAACT	CCAAAGGCCC	ACTACACTTT
560251	TTTTTTTTTA	AAGATTCTTT	TGAGTCAGGG	T'TTCTCTATA	TAGCTTGGC
560301	TGTCCTGGAA	CTCACTTTTG	TAGACCAGGC	TGGCCTCAAA	CTCAGAAATC
560351	TACCTGCCTC	TGCCCTCCCGA	ATGCTGGGAT	TAAAGGCGTG	CGCCACCACG
560401	CCTGGACCAC	TACACGCTGT	TAGATAACTG	TTTTGTGTGC	TTAGGGGTGA
560451	GGATTAAGTC	TCCTTCCCAG	TGTTTCTCAA	AAGCCATTTT	GTTCGAAAGA
560501	ATAAACAGGA	CAATTGGCTC	ATTTACCCTT	CTGCTGACCA	GCTTCAGAGA
560551	AGGAGAAATG	GGAAATGAAA	TGTCTTAAAA	CACCTTAGCC	T'TGTGAGCAC
560601	GGCTTCTCTA	TCTCAGGCCA	TCGGAAAGGA	ACAAAGAAGT	TAAGTGT'TTC
560651	ACTTGGTTTC	T'TTCTTCTT	CATCTTCCTC	ACTGTGGAGC	ATGGAGCTGT
560701	CCTGTGACTC	TGCGGTGGAA	ATCTCCACTC	GCTTAATTTT	AGCTGCACGG
560751	CTGGGAGGTT	TTCGTATGCA	GCAGAAATCT	CAGGGCTAGT	TAATAGCCTA
560801	CCACGAGGTT	TCAGGAAGAT	GACAACAGAA	ACAAGATCTT	GACATGAACT
560851	GAAATCTCTC	ATCAGGGAAA	ATTTCTTTTC	TACAAAGGCC	T'TGGTTGGAA
560901	GAATGTGAAG	AGCTTTACAA	AATCTTGAAT	GCTTAATAGA	GTAGCATTTG
560951	ACTTAATAAA	TAAATATGTT	TTCTGAAGCC	TCTTCTGTAA	TATGCTGGT
561001	TATTTGGGTA	CAAAGGTGAG	CAAAGAGAGC	GGGGTGTGCT	AATCCTAGCA
561051	CTTGGGAGGC	AGAGGCAGGA	GGAGCTCTGT	GAGTTGAAGG	TCAGCTTCGT
561101	GTATGTAGTG	AGTTCCAGGC	CAACCAGGGT	CACATAGTGA	CTCAGCTATC
561151	TCATAATACT	TACAAAAGTG	AGCCAAAGAG	ACAAGCCTTG	CCTTCCTGCT
561201	GAGTGTGTGC	GTGCGTGTGT	GTAAGTGAGT	GTGTGTGTGT	GTGTGTGTGT
561251	GTGTGTGTGT	G'TGTGTGTGT	GGTGTGGGTG	GGCAGAGAGA	TCAGAGGCAG
561301	AAAACAAGTA	AATTAATCAT	CCAATGGTAA	AGCCATTTAG	AGACTAATTA
561351	AAGTACTGAG	AACACCAGAG	GGATGGAGAA	AGAAGGACAA	TGGCCACAGG
561401	AGAGAGGCAG	GCAATCAGGG	AGAGCTGCTC	GGAGGAGGTG	TGGCTGGATG
561451	ATGAGGCATA	TGTAGGAATA	TACACAGAGG	AGGCACAGAG	TGACTTCAGA
561501	TTAGATCTAT	ATTAAGGTCG	TATGCTGAGA	GCAACAAATA	AAAACCTGCA
561551	CCATGGCTGA	GCAGTGTCTC	GTGTGAATTG	GACGAGGTTT	CGCTTATGCA
561601	AAATTCACAC	CATTTTGGGT	AGCTGTGACT	CATGGTTCTT	TCCTGCACTC
561651	CTCCTCTGAT	CCCATTCTTT	TTCCATAGCT	GCCCAGCCAA	ACTGGCCCAA
561701	GGAGCAATGT	CTCCTTTGCT	T'TAGCCTCGG	CGGCTTTTTT	TITTTTCTCTG
561751	CATGGATATC	CTCATGAGGT	CTGTGACTGA	AAGTCCAAGA	GGTCCCCTGT
561801	GCCCCTGGTC	TGGGGGCCCTG	GGGGAAGTGA	GCAGAACCCTA	TGCTGGCCAT
561851	TGAGAGATGC	TACTGGGGAC	CGCAGAAGCC	AACGTCCCTG	ACGCTGACTG
561901	TAGTGCGTTT	GTGATCTTTG	GAATAAAAGT	TCAACCTTCC	CATTGTTTTC
561951	CTC'TCCAGCA	CGCAGAGGTC	ATTGTTTGCA	TCATCTGTTT	CACCCGCCCA
562001	CCTTCAAAGA	T'TAAAGAACT	TAAATTTAAG	TTCTACGTAT	GAATCTCACT
562051	ATGTAGCCCT	GGT'TGACCTG	TAGACTAGGC	TAGACTCAAA	CCTCCAGCAG
562101	ATCTACCTGC	CTCTGCATGC	CTGGT'TTCGG	GAATTAATGT	TGTGTGCCAC
562151	CGTGCTTGAC	CTTATGTCTG	TATATTTTAA	GATAATACAC	GGACATTGTT
562201	TAAAACCCTA	AACTACTGAG	AAGTACAGAG	TGAAATCTAC	CCAT'TCCCAA
562251	CTTCCCATTTC	CAGGT'TCAAC	TAATGAAAGA	AGTGTCACTG	GTAGCTT'TCT
562301	AGTCAGAGTA	TACACACACA	CACACACACA	CACACACACA	CACACACACA

562351	CACACATACA	CACACACACA	CACACACACA	CATACACACA	CACACATACA
562401	CACACATACA	CACACACATA	CACACACACA	TACACACACA	CATACACACA
562451	CACACACACA	CACATACACA	CACACATATA	CAGGCAGGCA	AGCAAGCAAG
562501	AGGGGATGTA	TTTTTCCCCCT	CTCCTATT'TT	TACTGAACTT	GTGTATAGCT
562551	GGGCAGTGGT	GGCGCACACC	TATAGTCCCA	GCACTTGGGA	GGCAGAGGCA
562601	GGCGGATTTC	TGAGTTTGAG	GCCAGCCTGG	TCTATAGAGT	GAGTTCTAGG
562651	ACAGCCAGGG	CTACAAAGAA	ACCC'TGTCTT	GAAAACGTGT	GTGTGTGTGT
562701	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TTTATATGAA	CGTATATTTA
562751	CTATAACATG	TTAAAATACT	TGCCTTCTAA	CTATTCTGAT	GGCTAAAGAG
562801	TACTCTACTT	TTTACACTAC	TGTTTAGGTA	ACCCTGTTTG	TTTTTACACT
562851	ATTGT'TTACA	GACTCCTATT	ATTTACATAG	TTCCTACTG	TTGATATTTA
562901	GTTAGCT'CTA	GACATTTACT	TATAACAGGA	TGTTACAATG	AATATATGTG
562951	AATATGTCTG	TGTG'TGTGCC	CACACGTGCA	CACACACACA	CACACACACA
563001	CACACACACA	CACACACACA	CAGAAAGGCT	TCTGGGCCCCA	AGAATACATG
563051	CTTTATAAAT	TT'CATGACAA	ATTCTAGATA	GTCTCCCAGA	TGGATCCTAG
563101	T'PCCAGCATC	CCTGTCACAT	ACCCATTTCAC	ACCCATCATC	TACGGT'GAGC
563151	ACGCCGTGCC	CAGGAACTCG	TTTAGGAAAT	TGTTGGTAGG	T'CCTGGCAAG
563201	GCATACCTAG	AAACAGCAAG	TGTTTTTGAG	AAAGAAAGGC	TCCCTGCC'T
563251	CA'ITTTGGATT	GCTGAAGGAT	GCTGGTGCCT	CCTCTTCAAG	ATGTCAAGTA
563301	AACAGATCCT	TGGCATAGCC	CTCCTGTCTT	CCCAGTGGC'T	GCAAGCGTCG
563351	ATGGCGCAAG	ACCCGTGTAAC	AGCTGCGAGA	CAGCTCCCCA	CGCACCAACC
563401	ACGGATGAGG	GATGGTGT'TT	TTCTAAATTA	TTTTATGT'CT	CTTCTTA'T'IT
563451	TAAAGCAAAT	TTCAGACACT	ATGACATTTA	CCCCAAGATA	T'ITCATTATG
563501	CCTCTCTGAG	AAATTAT'TAT	CGTGTCCCA	ACTGTGACTA	TAATGTCA'TT
563551	ATCACAGTTA	ACAAAATTAT	CTGTAATTCC	TCAGGATTAT	CTACTGAATA
563601	TAGCTGAAAT	TTCACAAATTG	ATTAAAAATA	CAC'TAAAAAT	TA'ITTTGGTTC
563651	AAATCGATGT	CTGGGGCACA	CTTGGGTGCC	TCTGGCCTAA	GGCACCCCTC
563701	CCACTTAATT	TTCTCTCTCC	CAC'TGGCTTC	CTGAAAAGCC	AGGTTCTAGG
563751	GCCTGCAAGT	GCTCTCATGT	GGATTTGCCT	GTTTGT'T'ICC	TGTGTCA'TTT
563801	AAGCT'TGCTC	TGTGACTTTT	GCTTCCGAAG	CTCCTTGGAA	GTTAGCACTG
563851	GAGATTTGAC	TGGGTTTCATT	CAGGTTGAAG	GTCAGAGTTC	CGAATGTGGT
563901	ACAGAGAGCT	TCCCTGAGGA	GGAAGCCTGA	CAGGATGACT	TCCTGAAAATA
563951	GGACGGAAGC	AGCAACCTTT	CTTGGGCC'TT	ACTTGAGAAT	CCTGTCAGTT
564001	TTTTTTT'TTT	CCGTTGTTTA	ACTTCCCCC	TCCCTTTTCCA	GAAGCCCAGA
564051	AGCTGTTTAA	TTCTGAGCTA	AGTCTAGATG	TAACTTATGA	GTTGGTCATG
564101	AGTTAGCAAAG	TTTGCCACTT	ACTGGCTCGG	TGCCTGCTTG	CCCCCTTGGG
564151	TCCAGGCACG	TAACTCTTTT	CTATAGGGCC	ACCTTGCTCA	GTGGAACA'TT
564201	TCTGTGCTGA	TAGAAGAAGT	ATTCTATGCC	AGCACTTGAC	AGTACAGCAG
564251	CACTGGCTGC	GGGTGAGCTG	TGAGTGCTTC	AGGTATGGCT	AGCAGGAGTG
564301	AGAAACTGGA	CT'TTCAATGG	AATCTAAATA	GCCTTGTGTG	GTTAGTGGCT
564351	ACCATCTTGG	AAAGCACAGC	CTAGAGTCA	TTTTCAAATG	AGCCACAGAT
564401	CTTTCTTACC	ACCCTGAGAC	TCTACTGCTG	CTATTTTAAA	AGTT'TTCCC
564451	CCC'TITGATT	TGGTTT'TTC	GAGAAGGGGG	TGGGTAGGTG	AGGGGTAAGA
564501	AGTGATTCTC	TG'TGTAGCCC	TGGTTGTCCT	GGAAC'TCACT	GTGTAGACTA
564551	GGCTGGCCTC	AAACTCACAG	AGATCTTCTT	TCTTGCCTCT	GCCTAGCAAG
564601	TGCTGGGATT	AAAGGTGTGT	GCCACCAC'TG	CCTGGCTTTA	AAGGGGATTT
564651	TTTAAAAGTC	ATATTTAATA	TATGGGGTCA	GTGAGATTGA	CTTTTACTGA
564701	GTGCT'GCGAG	AATTTGCTGA	GTAGTCTTGT	AAGATTAGGT	GCCCCAAATC
564751	CACTAGCGAT	TGAT'TAAGCA	GATGATGGTG	TGAAGTTACA	GGGCAAAGGC
564801	AGTGCC'TGGA	GGGGATGGGT	ACAGGGAGCT	GCCTCCTGTG	CTGAACTGAT
564851	AAAGAGCTGG	TAATGAAACA	GCAAAATGCCA	AGGTGCCAGG	AGGGTATGCT
564901	GGGGTAGGGA	TACAACTGC'T	CAGTGGACTT	GTGAGCATTG	CTTTGTCCAA
564951	AAAGAATCTT	GGGAGTCTTT	TTTTTTCTTT	TTGAGACACA	TATACTATAT
565001	GACTAATGTC	CACCATAGTA	GACATGTGGG	TAT'TGGGCCA	GTGAGATGGC
565051	TCAGGAGTTA	AGGGGGCTTG	CTGCCAAGCC	TGACAACACG	AGTTCAATTC
565101	CTGGGACCCA	CAGAGCGGAA	GGGGAGAACC	ATCACTTGCA	AGT'GTCCCTT
565151	TGACCTCC'TT	ACTCACATAC	CCATACCCTC	ACCCTGT'CCC	CCAGAGCACA
565201	GAAAAATAAT	AAAAAACTTC	AGGTTAACAG	AACCTACACA	GTAAGGTATT
565251	ATTAGTCCCA	GTTTATAGAT	GAGGAAAGGG	AAGTCTGGAC	GGTTGAGAAT
565301	AAGTTCAAAG	TGATACAGTA	TTGCCAGGTC	TAAACCAGGC	CCCTACCTCA
565351	AATCTCCAAG	ATGACAGTAG	CTGCTCATCT	GACCTGCGCA	CATGGACCCC
565401	CGCCTCTTGG	TCTTGGCACT	CATCTGTCCA	AGGCCCAAT	GGCTTCTTGT

565451	CTCCCTCCAG	AGTAGACAGC	AGGATCCACA	CAGGCTGTAG	AACCTGTGCC
565501	CACCCCATGA	TCACTCACTC	CGCTGCTCAC	TGACTCTTTT	CTGCCCTGT
565551	CTGCTCTTTC	CTCATCGGCC	TCCTCGTACT	TCAGGTACTC	TGGACTAACT
565601	GGGACTCTTT	AAACAAAACA	AAACATAAAA	ACCCAAACAT	GTTTGGGCTG
565651	ACCAGATGAC	TCAGTGGTTA	AGAGCCCTGA	CTACTCTTCC	AGAGGATGTG
565701	GGTTCAACTC	CCAGCAACCA	TATGGTGGCT	CACAACCATC	TGCAACTGTA
565751	GCCTCAAGGG	ATCCAATACC	CACTTCTGGA	TTCAGGGAGC	ACAAAGTATG
565801	CCTATGATGC	CCAGACATCC	ATGCAAAAAA	GACCCATACA	CATAAATAAA
565851	TTGAAGCAAG	CAAACAAAAA	CCCGTACAGG	AACCTAAATG	ACTGTTGTAG
565901	GCGTCACTCT	CTATAAAAGA	CCCACCGTGA	GCCTGGATTG	TCCCTTTTCCA
565951	CCTTAGCATC	TCTGTAACGG	TCAGGTGTAC	CATATAATTG	TTAGTCCACA
566001	TTTATAGATG	AGGCCACTGT	CGACCCACTC	CAACCCCATG	CATGTTAAGT
566051	TCACGAGGGT	GAGATTCTTT	TCCCAATCTG	TTCCC'TGCC	CCACTCTACC
566101	CCATAGCCCA	ACACTGTGTT	CTCTGCCATT	TTCCTGAGCA	CCAAACAGTA
566151	TACAGGCGAT	CAGTAAATGT	TTCGTTGACCG	ACGATGAATG	ACACTCGGGT
566201	GTCTAA'TTGC	CAAACCTCAG	AATACTGATT	CACACCTGCA	TCTATTTTCT
566251	ATGTAAACAC	ACACACACAC	TTCTATCCCT	GTGAACCTGT	CGGGGTTGCT
566301	TTAGAATGCA	TGGCTACGTG	AAACCACAGA	CTAAGCCATG	CAAATATATG
566351	TTGAACAGAT	ACTGCC'TTTA	GCTTCAAGGT	CACTCTTGGA	GTGATCCTAA
566401	GAAAGCTGTT	AACTTGCAGT	TTCTGATAGA	GCCAAGCTAA	GAACCTGTGG
566451	AAACAAGCTT	CTGCCGTGTA	GAATACTGCC	TCCAAATTGA	AGTGTGGCTA
566501	TCTGTGAGTT	TTTTGTATGAC	TTCGTCTCTT	GGCCAAAAGG	ATACACTGTA
566551	CTTGGCATTG	TCAGCCTTGT	GGAAGATGGA	GTTATGATTA	AGAAATATAI
566601	TCTCTCACCC	AGTCTACTGT	CTGCCCCCAC	CCCATGCAGT	GTGTGTGTGT
566651	GTGTGTGTGT	GTGTGTGTGT	GTGTGTATAC	CAGCGACACA	CATATGAAGC
566701	AAGAAATGTT	ACCTATTTAT	AGAATTTTAT	TATTGGCTGA	ATTTCCAATG
566751	GAGAGTTT'TT	CAGAGTTGGG	GTGGGGGTGG	GGTTGCTTCC	AGGTATCACG
566801	TGACTAGGAA	AGGATATGGC	CTTAGGATTA	ATCTATAGGT	CTTACTATTC
566851	TGATCTTCAG	AATAC'TTAAT	AGAAATTATA	TTTCTTTT'TG	TTTTTTTAAA
566901	TGAAGGTTGT	TCTTGGTGAG	AATTTGACTT	CAAAC'TGTCC	AGAGGTTATT
566951	TATGAAATTA	AAGAAGAAAC	GCCTGTGTTT	TACAAGCTCG	TTCCTCATCC
567001	CATGAAGAAC	ATCTACATCT	ACCTAACAGC	TGGGAAGGAG	GTAGGTGAAG
567051	CTGCTGCTTA	CTGCTCCTGA	CTTATGAATA	GGAAT'TATCT	CACATATGTC
567101	ATTATACAGT	GGCAAAGCTT	TTACTTTGAG	CCGCCAGGTT	TAAACAGCGC
567151	TGCGGGCTTT	GAGAAGACCT	ATGGTGGGCC	AAGAGAGTAG	AATTA AAAACC
567201	CGTAGTGACT	GTCATCAGTA	ACTAAGCAAG	AAGTA'TTACC	CATTTAGACA
567251	ATTTTATTAI	TGGCTATATT	TCCAGGGCCA	GATTTTTCAG	AGGGGGGTGT
567301	ACTTGCAAAT	GGGCGCA'TAA	TCAGCAGAGT	AACTGAATTT	ACACGTTTAT
567351	TGTGTGGGCA	CTGAGTGCTT	AGCTGCATTT	ATGAGTGTGC	CCAATGGGAC
567401	TGGCTTTGGA	ACTTGGGGTT	AATACCAGGC	CACCATCTCA	TACACATTA
567451	TGAACCAGGA	AATGTATATC	ACTCATCCCC	ACCCCGCAAA	CTCTTTAATT
567501	TATCGGGATG	TTTGTCTTTT	TCTTGTCTCT	GCTTACTGAA	GTGAAAACAA
567551	TATCT'TTTCA	ACATTTTATC	TCTAAAAGGA	AACTATTTT'I	TTTTTTTTTT
567601	ACTGAATTCT	TACAATATGG	AAGTCATTGT	GTTTTGTAGG	GTCTGTATGT
567651	GTA CTGGGTT	GTGTGTGTGT	GTGTGTGTGG	ACACA'TGCAI	GTAATAAAGA
567701	ATACTAATGA	AATATGTTAA	TGAAATTATT	ACTCCACTTA	TATAI'ATGAG
567751	CAGTCTAAGA	CTGGGAAAGG	CAAGCAGTTC	CAGGAGATAT	GTGTGTATAT
567801	ATCTGACGTG	TAI'ATCTACA	TGTAGATACA	GATATAACAT	ATCTCTATGT
567851	ATTGTCTTTA	ACAGGGCTAG	AACTCAAACCT	CGGTCC'TGAT	TCTAGAACCC
567901	ATGCTTTATC	CTGGCCTGGT	AGTTTTGATC	CATGACCCCT	TGAACACACT
567951	AAGTAAGAAG	AAGGCATTCT	GGACTTAAAT	AAI'TACACAA	TGGATGTCAC
568001	AGGGGCCCTT	ACCCTCCCCC	CATTTGTCAC	TTCTTCTTTT	TTAGCCACTC
568051	TCAGGAGGAG	AGCAATGACT	GTCC'TACGTG	TGCTTGCCTT	TTTGAGTCAC
568101	AGGCTAGGGG	TGACAGTATC	AAGTAITCTT	AGAAAGGCCA	CATTGCTCTT
568151	TTCAGTTTGG	AAAGTTGGAT	ATATCCAGTG	ATCCCATTA	GATGGTCTCA
568201	CATCTGACTC	TCCCTTAGCC	TTTTTCGGCT	TACACCACGG	CTTCTGCGC
568251	CGGTCTACTC	AGTCAAACAC	TGTTATGTCT	CTTCCC'TGGG	ATCCCAGATT
568301	TGAAAGACTT	TTGTCTATTC	AACAAAC'TGT	GTTTATGAAG	TAACCAITCC
568351	CATTCCCAGG	CTTTA'IT'TAT	CAAGGACATC	TCAAAAC'TGC	CAGCCAGAGT
568401	ACTGACTGTG	CTACCACGCA	ACGCTGATAA	AAITCCAACC	CCCTCCCCCC
568451	ACCAAAGCAA	AGCTCCTTGA	AGTCTGGCTT	AGTCTGTGCA	TATTTT'TTTC
568501	CAT'TT'TGCTT	T'TGGAGATAC	TGCAAAGCGC	TCATAAAITC	CCATCCCTAT

568551	GCACAAAGAT	ACTTGTAGGA	CTCAGAAACC	CAGTGCTGTG	GGCGCTGTAG
568601	TAGGCTGTAG	ACCTTGTACT	GTGTGCTGAA	GACCCAGTGC	TGTGTGCTGA
568651	AGACCTGGTG	CTGTGGGTTG	TAGACCTTGT	GCTGTGGGCT	GAAGACCCGG
568701	TGCTGTGTGC	TTATAAAGAC	ACAGTGTCTG	GGGCTGTAGA	CCACTGTGAA
568751	AGCACCAATA	GTTTCATAGAT	CTTCACCTCC	TAGAAAGTAA	AGACTTCCAG
568801	TCCCTAATGA	CTTACAGCCT	GAAGACCTTA	GAGACAGTTT	TCAAGGGGGT
568851	CGGGAGGGTG	TCAAAACGTG	TGCTCTCTAT	ATTCCTCTCT	TTAGTATAAT
568901	TGCAAAAGGT	TCTATTGCTT	AGTCAACTGT	GGTAATCCTA	GAACCTAGCA
568951	GGCAGAGGCA	GGAGGAAGAC	AAAAAAAAAA	AAAAGCTTGG	GCTAGATAGG
569001	GAGACCCTGT	CTCCAGAAAA	AGACTGAAGC	AAAATCTCTG	TACTTGGCTG
569051	TGATTGTGCA	AGTGTGATCA	CCCAAGAGTC	CAAATGCAAG	GAGAGCCCTT
569101	CCTAGACTCT	AGGAAGTTAT	TATTAATTTT	AAAAAGCCAT	AGAAAAATC
569151	TATAAAGTGG	TATTAATACG	TGCCCACTAA	ACATAATCAI	ATGCAGATAT
569201	ATGTACTGAT	GAGAAATAGG	TTACACAGTAT	ATTCATTAGA	GAGCAGGTCT
569251	AATGTAATAA	TTATAGTATC	TATCTCTTTA	CGTAGAGTTA	TGTGGGTGCT
569301	TAAATATGTT	AAATTTATAG	ACAGTATAAT	TTGAAGAATG	TTCTAGAGAC
569351	TTGTATTCTC	CTGAAGGTTT	TTAGCAAGAG	AACCTCCTTT	GGTCCATTGT
569401	TATTAATGTC	TCTACAGTAT	TACGGTGCTG	GACAGATTCA	AAGGCTCGCA
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569501	TTTTCTCCCA	TAACAGCAAT	AGCGAGTGCT	TATGACACAA	ATTATTTAGT
569551	ATGCTTCTGA	GACTATGCTT	GTAAATAACCC	TGTGAAGTCC	ATTGTCCTAG
569601	TGCCATCTTT	ACAGGCAAGG	AAACAAGGTT	AGAGAGATTI	CATGACACTT
569651	AATAAAATCC	CTCAGAATTA	GAAAGATGTT	TTGTGAGTTA	TAAGGAAATA
569701	AATATCCACA	TTCTCGTTAA	TTCCGGCTGC	GCCTCTCAGC	AGCGCAGAGG
569751	ACCTAAACCG	AGAGGGCGCA	GTGATCCTGC	ATGAAGTCAA	CCTAGCAITG
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569901	ATGAGTTGTA	CAAGTTTTCT	TACTACCTGC	TATGTGATTT	TTGCCCTTCAG
569951	GAAATGTGCT	AGGCACCACT	CGGGTACTCC	AAACTTACCT	CTGCCTCGGC
570001	TCACTTCCAA	GATCAGCCCA	GCACCATTGA	CTAACTAATG	GAAAGTGCGA
570051	AAGAAATTAT	CTTAACCCCC	CCGCCCCCTT	TGTAGTGCTG	GGAATAGAAC
570101	CCAGCACCTC	GAGCTACACA	AGGGCTTGCG	TACTAAACTA	CCCTGTCAGC
570151	CCTGTCTCCT	CTGGTTTTCT	TCATTTGCAA	CCCCAATGGA	ATGGGTGTGA
570201	GTCATCAAGC	CAGGAGCTGA	AGTGATGGCG	ATACCCTAAT	ATCCCTCAT
570251	TTCCGCATCT	CTTGCCGGAC	TCATGCTGAT	CATTCTGGGG	CAGAGTCATC
570301	ACGTATACCC	GGATACTCAT	TTCCATAGCG	CCACTGATTA	TACTGACTGT
570351	CCCTGTATGA	AAACGAGGAG	ACCTGGCTCC	GTGATCCCTA	TGGAAGTAAT
570401	TATCCACAGA	TCAGAACCTG	AATTTGGGAG	GACTCACCTG	AGAAGGCTCT
570451	AATAATATAG	ACTCCTAGGC	TCTGCCCCCA	GACCCGGGAA	GGGTCTGGGC
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570551	GGATTACAAA	CGCCCTCAAA	AGTTTGCATA	TAACCTGTAC	ATACCTCCC
570601	ATATACATTA	AATTATCTTT	AGATTAGTTA	TGATGCCTGA	TAGAATGCTT
570651	GCCTATAATG	CAATACAATG	TTAATAGATA	TAAATCACCC	TACTGTATCA
570701	CTTAGGGAAT	GAGAGGATTG	AAATGCACTG	TGCACCTATA	GGCACAGTGT
570751	TGTTTTCAAA	TGTTGTTGAT	CTGCTCTTGG	TTGAATTTGC	GAGTTCAGGC
570801	ATCACTGGGG	TGAACAGGGA	TAGCCTTCGG	TACTTTGAGA	AGTTTCCCAC
570851	GCTACACCAT	AACCTAGAAC	TCGAGATCTG	CCATTGGATG	CTACTGTGGA
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570951	CCCCCAGCC	CCCAGTGTTG	CCTGTGATTC	CATCTAATGG	ATGCCCTCCT
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571101	CCGTTACAAA	GGTATTTTCT	GAATCTTTTC	TCACCAGCTC	ACATTTTTTT
571151	TTTCAGAAAG	TGTCATGCGG	CCCAACACTT	GTTGCCCTAC	TTTAATGATC
571201	CATTCCACGC	TGTGACGAAG	CAGAGCTCTC	CAGGACTGCA	ATGTACGATG
571251	TAACCATAAT	TCATTCTTAA	AGATGGTTCT	TGCCATGTCA	GTATCAAGTC
571301	ATTTGACCCA	GGCTACACAG	GGCCACCCGG	TCTGGGCCGT	GACTTGAGAC
571351	GGGAGAGGCT	AGTGCAGGTG	GGTTTGCTTT	TTATTTCCCTA	CCAAGTTAGC
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571451	ATAGCAACGT	TTGAAATTTT	TCAAATGAAT	CCTCATCATG	CCGTGTATTC
571501	TGCTCGCTCG	GCGGAAGCCT	TATTATTAAT	GGCATTTGCT	TCTTGACAC
571551	CATATAGCCC	TGGGCCTGAT	GTACAATCTC	AGTCTCCAGG	CAGAATCTGC
571601	CCAGCTTTGGT	CTTGAATTTAC	GATGTATGCG	ACCCATCTAG	GCTCAAGGGC



571651	GACTTGTAGC	GGCTTCCTCT	CCATGGCAGT	TCTTAGCATC	GTCGCTGGGA
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571751	CGCTATAGAA	GCAAGGAGGA	AAGAGCCTTC	ACTGCAGCTC	AGGCAGGAAT
571801	GAGAGGGGGC	AAAAAAACAA	GCCACATAGC	AGTGGCTGTC	AGATTTGGTGC
571851	TTTCTGTTT	T'AAAGGTGA	ACACAGATTA	AAAATAAAAA	TAAAAAGAGC
571901	AGAGCAGGTA	GGGAAAGGCG	GAGGGCAGAG	CGAAGGGACG	GTAGGGGGAA
571951	TGAAGGGCGA	TAGAGAAGTA	AA'TTAGAGAG	CT'CCTGGGGG	GGGGTGGGGG
572001	GGGGGGGGTA	GGGAGCGTGA	ATGGAGAGGG	TGATTATGAT	GTAAGGGAGA
572051	GGCTCGGGAA	ACAAACTAAA	AATATGGAGA	TGGAATGGAT	TAAGAGTTCT
572101	TCATGGAGGA	AGTCACAATC	T'TAGCTGCTG	CAAGAGCTAG	GACTGTGGCT
572151	GCCCTCCTCT	CTGCACCCCC	TTGCGGGGGC	TCCTTCCCTC	AGAATCTCTG
572201	GCAGACAAAA	GAAACAGGGC	CAAGAAAA'T	CTCATGAATA	AT'TGTAATTG
572251	GGT'AGGAGC	CTTTTCTTCT	TGTCACATGC	CCAAGAGTAG	ACTTGAAGAA
572301	A'TTAAGTA	CACAGCCAGT	ATTATATGGT	TGCTGTAGTT	CT'TTTTT'TT
572351	TC'TTCTTTTC	T'TTTT'TTTTA	AAGATCCATT	CCATTTATGT	TGCATCTCTG
572401	TG'TGTCTTTG	GAGAGCTCTG	GACAGGAGTT	CATTCATGGA	TGGTGGTGAC
572451	AGTGGTGGTG	TTTAAATAGC	CGTGACTACT	TGTTTFAACAA	GCTTCAGTCA
572501	GGAGTTGGTG	GGAGATGCCC	AAGTTGGTAA	TAGAA'TTTTG	GAGTTGGTTG
572551	TATTTTGATG	GTCC'TTTCAG	AAGCCTTAAT	AGTATCCGAG	CAGGGGGCAG
572601	GGTGGTGCT	AGCTGCAAAG	AGATGTTCAA	GAGCTGAGTG	CTGAAGTACG
572651	GGAGCACTCA	AGTACTAGAG	CAC'TCAAGTA	CTATGATGTT	TAGAAACAGA
572701	AGGGGTGGGG	AAAACATGAG	GAAGGATCAG	AAAGGGGAGA	GACAGCGTTT
572751	AAGGAAGGAG	TG'TG'TTGCCA	GGCAAGGGAA	AGGGGGAAGA	GAGCAACGTA
572801	CTGTGCCAGC	T'CCTGCCAAG	GAGGTCAAAG	GAAAACGGAT	CCGT'TGGAC'T
572851	AGGACAGGGC	GATCGATGAC	TGTGACAGAG	GCCCGT'TTTT	GGAAGGGTGC
572901	TGGAGCTACA	AAAGGACAAT	GAGCAGTGAG	TGGAGGAGCT	CCTTGGGGGT
572951	GT'TATGGGGA	ACGGTAGAGG	AGATATGTCG	CCGAT'TCTGA	GGCAAAACGT
573001	AGACTCCAGA	CAGT'TTAGGA	T'TCTAAAGTT	TATTTGT'TT'T	TCATTACAT'T
573051	TTAATTGGGA	GTGGGATAGT	GCACGTTCCA	TAGTGTGTGT	GGAGGTCAGA
573101	GGACCGCTCA	TGGGAGTTGC	TCTCTTCTAC	CAGATGGACC	CCAGGGACCA
573151	AACTCAGGTT	GTCAAGCTTG	ACAGGTAAAA	GCACCTGCCA	CGCTATCTCA
573201	CCAGTCTAAC	TTTAGAAGGT	G'TTTTGT'TT	G'TTTTGT'TT	G'TTTTGT'TT
573251	G'TTTTGT'TT	G'TTTTGT'TT	TAACATACAT	AGAATAATGG	TGTCTGGAGC
573301	TGAAGAGGTG	ATGGCTCAGC	CCGTCTGTAA	AGTGCCTGCT	CTGAACGCAT
573351	GAGGCTCTGA	GTTTGTATCT	GCAGCACCTG	AAAATGTCAG	CCATGCTAGT
573401	GTATGTCAGT	AATCCTAGTG	CTGGCGAAGC	GGAGACAGGA	GGATCCCCGG
573451	AAGTCCACTG	GTCAGATAGT	CCAGTCAAAT	TGATGAGCTC	TTAAGTTCAA
573501	TGAGAGGCCA	CACCCTCCCG	TAAGCAAGCG	CAAACAGGCG	CGCGCCCGCA
573551	TGTGCCCAAT	CACACTCCAC	CTACCAGCTT	TTTTTGTGTG	TGTTGT'TGGG
573601	GAAAA'TCCG	GTAGGAAGGA	GAGGGGTGGG	GGGAAGGAGG	GTGAATATTG
573651	TGGTGTGT'TG	TCTTTTCAGCA	GATGACAGAA	AATATGACCT	AATCAGCTCA
573701	TTGGGGAGGG	TAGCCTCAGT	CCAGGATGGG	AGGGAAACAG	TAGTGTGGAC
573751	CCCAGAGCTC	GTAGAGATAG	ATCAGACCTC	AGGGTATGTC	CATATTGCTC
573801	GGAACCTTCT	TTGTGACCTT	AGACCAGCAG	GAGCCAGGTG	TCTGTGTGAG
573851	CCCGGGGAGA	GGGAGCCGTG	AAATCTGAGG	AAGGGAAGCA	GGAAGCACAC
573901	AGGAGCTCAG	GTAAGGACA	CACACAGAGA	GAAAA'TAGAG	TATGG'TTGCC
573951	TGGCAATATT	GGGGCGCACC	TGAGGCCGAT	GATCTTGCCCT	TTGAAACAGA
574001	AAGCATGGGT	TTGCT'TTGCT	CATGTAGTCT	AGCTCCAGTC	CCATCATGGG
574051	AAAGTACGGA	GGATAGACTT	CAGTTTAGCT	AGAGT'TGGG	GATAAGTACA
574101	TCAGGGTGGG	GCTATGGGAT	GACATTGATG	TCACCTGTGT	GCGGTGGAGG
574151	GAAGTAGGGA	CACACTGTGG	ATGGGAGACA	TGAGAGGGGG	GAAAACACCA
574201	CCTGGACTGT	GTGGGGGTCA	ACGCTGAGGC	GATACAGGTG	TGGAGGTACC
574251	GGGAATGGTA	AGGTCTACAG	GACTG'TTACG	TCATGGCAGC	GAGGGTGGAG
574301	AACAAGACTA	CTGTGTGAGA	AACAGGGACC	TCTGTGTGTC	AGTCGAAGCC
574351	ACCAGGAACA	AGGATGGGCC	CAC'TGGTGAA	GAGTAAAGGA	CAAAATAGTC
574401	AAGACCTAAA	ACTAACTAGT	AAGGTGGGTG	AGTGT'TGGTC	CTGTAGGT'TT
574451	TGTGTAAAGGA	GTCAGGATGG	TATCTAT'TGC	AAACATGAAC	TTGAACCTCTG
574501	AGAGATGGTC	AGAAAGAGAG	GAAT'TATGTG	GAGGAGGGCT	GTCAGGCCCA
574551	GCTGGGCCAC	CTCTAGTAAG	TTAAAGGAAG	CAGCCAGCCC	TCTAGAACAG
574601	TGGTCC'TCAA	CTTTCCTAAC	ACTGACACTC	TTTAATGCAG	TTCC'TGTTG
574651	TGGTAACCCC	CAACCATAAA	ATTAT'TTTTG	T'TGCTATTTT	TTTTTAT'TGT
574701	TTTT'TTTTTT	T'TTCAAGACA	GGGTTTCTCT	GTATAGCCCT	GGCTGTCTG

574751	GAACCTCACTT	TATAGACCAG	GCTGGCCTCA	ATCTCAGAAA	TCTGCCTGCC
574801	TCTACCTCTC	AAATGCTGGG	ATTTAAGGTG	TGCGCCACCA	CGCCAGCTT
574851	TCGTTGCTGT	TTCCTTAAGT	TAACCTTTGCT	GTGCGATTTG	CTATTGTTAT
574901	GAGTCATGAC	ATAAATCTCT	GTGATTTCCCT	GGTGGTCTTA	GGTAACCCCT
574951	GTGAGTGGAT	TTTTCAACCC	TAGAGAGGTT	ATGAACCACA	CGTTGAGAAC
575001	TGTCGCTTTA	GAGGGACATG	GGAAGCTGTG	GTCCCCCTGG	GGAACAGTGA
575051	GCCAGAAGGG	AGTTGTTAGA	GAATTGGGTG	AGGACAGCAA	GCCATTCTTA
575101	ACAGCTCGCT	GTAAGGTCCT	TCTTCAATTT	CCCCTGTTCA	TTATCTCGCT
575151	CCCCACCCCT	TGCTGTACAC	TTTCCAGTAG	GAATGATCCT	TTAAAAAAG
575201	AAAAAAAAAA	TCCCCACTAG	ACGGTGTCCCT	CCCTAGATTC	ATTGCTCCCA
575251	ATTTCTCCTC	TCTCAAACCT	AGCCTGATCT	CCTGCTTGCA	GACAAGGCA
575301	TCTGTGATTT	GCAGCTCCGA	CCCTCTCTCAT	GAATGATCCT	CCTTGGTCTC
575351	ACTGATTGTC	TTTCTGATTC	AGAATATATC	CTGCCCAGGG	CCTTTACCTT
575401	GAATTTAAAA	GTTCCTCCAT	TATGACACCT	CTTCCCTTCA	GGAGCTCTTT
575451	ATCTGCTATC	CTAGAACGTA	TATCTATGTC	CACTTAACTA	CCCAACATCA
575501	GAGAAGCAAC	CCCTACCCAC	TCAGCAAACA	TAGCGGGGTC	ATGGTTGACG
575551	GTCCTTGGA	GCCACGTCCC	CTCACTTGGC	TCCCAGTTGG	CTCCGTTCTG
575601	GCCTAAGATA	AAATGAAACT	AAGCTTCAGA	TCTGTGACTC	ATGTTAAGCT
575651	CTCGGTACCA	TTCAAAATTA	GGAATTCCTA	AGGGGATGTT	TTTGGTGTGG
575701	TGGCGAAGCA	TCCCAGTGTG	TTTATTTTAA	ATGTCACAGA	TTTATTTAGA
575751	AAAAATAATTT	CTTCTCTGTG	TTGAGAAGGT	TGAACCTTCT	TGTATACGTG
575801	TCTTGAAAGT	GGATTTGGGT	ATGGTGGGGG	GCCAAGAAAA	TGATAATTA
575851	TTTCTTTTIT	ATTTGGTGTG	AAGAATAGTC	TCCCAGTGTA	ATAAGCAGAT
575901	AAAAAAAAAA	ACCAACTAAG	CAAGCACTGA	GGTCTAGTAT	TTTACTGTGC
575951	GAACCTCAGG	TTCAACCTGT	GCTGCAGTTG	TCTGTGGGTG	GAAAGGGAAT
576001	TCTTTTITTC	AAGCTGAATA	TATATTGGAG	TTGGAAGCAG	TTTCTCAGCT
576051	TCTCCCGTAT	TTCAAGCCCC	AGCACATGTG	TTCACTTGTG	GATTTCCAGA
576101	GAACCTGCAA	TCCCGAGCCG	ATGAGCCCCG	CAAGGTTCCT	AGAGTTCAAT
576151	TGCAAGTTTG	CTTGGCTCAC	ACGGGTGCCT	TTCCACACAGA	AACAATGTCA
576201	CCAATTGAGG	GTGGATTCCC	AAGCCAGCCC	ACAAAATCCA	TTTCCCTTTA
576251	ATTTCAACAA	ACATTTGTTG	AATACCTACC	AAGAGCCCCC	ATGTGGGAAG
576301	TGAGATGGCT	ATGTGCTGTT	GAGAAAACCC	AGATGTCTCT	CTTGGCTGTA
576351	AGGGGTAAAC	AAGCAAACCT	GGAGGGCAGA	CAGGTCTATG	CCAGTGATCA
576401	TTCATTACAG	CGTCCATCTG	ACCAGTGACA	TGTATGAGGT	ACCCACGTGT
576451	TATAAGCCTG	ACATCCCATT	CAGAGGCACA	GTTCCTCATC	GAATGGCTTC
576501	TCTAGTCTAA	TGATGGGTAA	GCGTCAGTAG	ATTCCTGAGT	TCTTTTGTTC
576551	GTTTGTTTTG	TTTGTGTTTG	TGGTTTGGTT	TGGTTTGGTT	TGGTTTGGTT
576601	TGGTTTGGTT	TGGTTTGGTT	TTTCGAGACA	GGGGTTCTCT	GTATAGCCCT
576651	GGCTGTCCCT	GAACCTCACT	TGTAGACCAG	ACTGGCCTCG	AACTCAGAAA
576701	TCCGCTGCCC	TCTGCCTCTC	AAGTGCCTGG	ATTAAAGGCG	TGCATCATCA
576751	CTGCCCCGGA	GATTCCTCTT	CAGTGATTCT	ACCTAATGAG	CAATCGCTG
576801	ATCCTTAGAA	GTCTAACCTG	CAGGTATTTT	TCTACATTTA	TTATTTTCAC
576851	TCATGGATGT	GCTTGTACAG	TGTGGGAGGA	GGAAGAGGTT	TGTGTCTGTC
576901	TATCAGCGAA	ACTCAGCTCT	CTTTCATGTT	TCTGTCTATG	TGTACCTACT
576951	CTTAAGTTCAG	AGAGCAGATG	TAGAAGATAT	TGAACCTAAGT	TACATGATGC
577001	ACTCAAAGCC	TCTGCGCCCA	TCATGGTTAT	GGAATTTCTA	CTGCTAACAC
577051	AAGCTCCACA	GCCAAGCTCG	ACATTAGTAG	GGTAAGGAAA	TAGACCATTCT
577101	TATTTCCGTCC	AGTCAGATGT	ATCATAACAT	GACACGGCAA	ATAGCAGTAG
577151	AGATGAATCA	TTCTGGTACA	GGAAGTTTTG	GAGACTTGGG	AATGTGCATC
577201	TGTCTCTCT	GGAATAAAGG	AGATGAATAG	GATAGCGGGC	TATAAGGATA
577251	GACACAGAAG	ATGTAGGGTT	CCATGGAGAC	ACAGATAGGG	CATCTAACTC
577301	CCATGTGAAA	GGTTGGGGAA	AGCTTCCTGG	GGAAGAGATG	ATTCAGGCAA
577351	ATCTGAAACA	TAGGCAGGTA	TCAGGAAGGG	AAACTGGCTG	AGGTAACAGG
577401	TTGGCGAAGA	ATACACTTAA	GTTCCTGAAT	GTGGGTGTTG	ATGCGTGTAT
577451	GGCATGTTTG	GGGGGTGGGG	ATAAGAGGAC	ATGGTCAACA	GGGCAGATGA
577501	GTCGTTTAGA	TTTTGTTAGA	AGAATCTTGT	GGAGACTGAG	CAACTGAGCA
577551	TACAAATCTG	AGCAAGATGG	ACTTGGGTCC	TCGCTGGGAG	CTGGCAGACC
577601	AGTCAGCAGG	TGGTTATAGA	AACTGGGGCT	GGGTTAGCCG	ACTAGTAGTT
577651	GGAAGCAGGT	ACATTGGAGA	GCTATTTGGA	AGCCAACACT	GACGGGACTT
577701	GGTGATTAA	TGAATCCCCC	CTTGAGCATG	GCACACTAAA	AAATAGGGCCA
577751	TAAAATAGAA	GATGAAGATG	GCCACGATCG	AAGATGTATT	CTTCTTTCTT
577801	TGACCCAACA	TTGCACAAAG	AAAAGAGCTG	AACTCAAAG	AAGCTAGATT

577851	CTCCCTGTGG	CCCAGGCACT	GGGTTC'TAAG	GAGAGCACCC	GGGTCAGGTG
577901	AGGAGGACTT	CTGAGAGATG	GCAGAGGGGT	G'ATGT'TCTA	ACTCTTACCA
577951	GCAATACATA	TGCAGACATC	TGACTTGGGG	GACCAGACAG	ACAGATGTGT
578001	CCTTCACTGA	GCAGGGT'GTA	GGAGGGGCTA	TCTACTTGGG	GTGAGCGGCA
578051	AACAGCATCG	ACTGCCATAT	TGGCACACTG	GGCAAACAGC	ATC'ACTGCC
578101	GTATTGGCAC	ACTGAAGGGG	ACAGCAGGGT	AGGAAGAAAT	AAAGT'TCCTA
578151	AGGATGATT'C	CTATGGGCCG	GGATCTGGCC	T'TGTATGAG	TAGCC'TGTTT
578201	CTCTTCTACG	CCAAAGCAGG	GT'TGATGGTG	GTACCCATGT	CTGGGGCTGC
578251	TGAGAGGT'FG	AAATCAGATA	ATATCCCTGA	AACTGCAGGC	AGGAGC'T'FGC
578301	TCC'TAGGAAG	TGCTATAGTG	GATGTCACTA	AGGAGGCCGG	GTCACCCTCA
578351	GCTTCAGTGG	GAGGGTAGCC	TGAAACTGGG	CCTGGAAGAA	TGGTGTCAAT
578401	TTTTCTCTGA	GGGCAGAGGG	TATGGGAGAT	TCTACAAGCT	GAAGAAGAGC
578451	TGAGCCAGAG	G'TCTCT'TTAG	GGAGTGGCAG	GT'TGGAT'TTT	TTTTTTTTTTT
578501	TTTTTTTTTTT	TGTCTCTAGG	ATACTGGTTA	GGAAGGAAGG	AAGGGATAAA
578551	GGTGTGGGA	AGGATGAGGA	CTTGGAAAGCT	C'TGAGT'TTAG	ATTTAATTAG
578601	TATGTGCTGC	GAGCTCA'TTA	AAGAGCTTTA	AGCACAGGAC	TGTATCTTTG
578651	AAAGAT'TTG'I	GACTTGCAAA	GATTATCGCG	ACGGCAGTCG	AGAGGATGAA
578701	G'TGTATCAAG	GTGGGCAGCA	ACTATACTTA	CCTCCTGCAA	TTTGTAGAGT
578751	GAGTTTATCT	TGTATCTCT'T	CCGGGGT'CAT	CTGCTCGGTG	GCTATTTCTT
578801	GGGCCCAGTT	ATAACAATGG	AACCTAGACT	GGGTCC'T'CT	CAGAAAAATGG
578851	GCTATGCAGG	AACAGCCAT'T	CACACTAGTT	CCTTAATAGT	CTCCTGCAC
578901	AGGGTAGAGA	CAGAGCCCCC	AACATGCTAA	T'TACAGGGTA	TCTGGATCCC
578951	TCTTGATTAT	T'TGTATAAA'I	T'TAACCT'CCT	CCTATA'I'TCT	TCTGCACATT
579001	TTCCCCACCG	TGGCAACAGT	TGGAAGACAT	TCAGGCAACC	CCTAGAAGCT
579051	GTTTTGAAAT	TTTCATCCAC	TCTTGGGCTG	TTCTGCATGT	GGGATTCTGA
579101	AACATCATTT	CTCAGCTCAG	CCTAGCGGCA	AGCACCCCAT	GGTCCAGCTC
579151	CTGTCTGACC	ACTGACAGGC	TGGCAGGAGC	AGAGAAGGGA	AACTT'TGTCA
579201	ACAGCCGACT	GGGAGCACTT	TCTAGAGCCC	AGCTTGCTCT	CCTCTCTTGA
579251	GGACTCTCCT	CTCCCTAAGA	GGCATTTCTT	CAAGAACTCT	GGTTTAATTG
579301	GTAGCCCTAT	GGGAACCCTG	CCCACCACGC	TGTGCAATGA	CAGTCCATGG
579351	GGCACAGTAC	CCGTGGCCAT	GCTCT'TCCCA	AGCCCCAATG	AATGATCTCT
579401	G'TTGCAGATG	CTGAGCCCGC	AGCATCCTGC	TAGCCAAAGC	CAGCCGAGTG
579451	AGCTTTCTCA	GAGAGTCTTC	C'TTGGCCACA	GAACTCCATG	CAACTCCACC
579501	CTGTGCCTCC	TGCTCATTTCT	TCCTGACACC	CTAAGCAGTC	AGGAATCAGT
579551	ATGACTGTCA	GCCTGCTTTT	TAGAGTAGAA	GACAGGTGTG	GGCTCTAAGG
579601	AATACTTGGT	GGCTTCAGAG	AACATGAATT	GTT'TTTCCCC	CCTGAGGTGC
579651	TGGAGGTGAG	GACTCTGAAG	TGGGGT'TTCA	GTGGACCATA	ATAGAGGTGG
579701	ATGGTGCTTC	TCCTTGATGT	TGTAGAAACA	CCCCCAT'TCA	TTCCCCTTTC
579751	TAGCT'TCTCG	AGGCACCTCA	CATTCCTCCT	CAGCTGCCCC	TTCCTGCCCT
579801	TTCAAATCTT	AACGATGCAG	CGTCTCCAGA	CTCTGCTGGT	TCTGTAC'TCC
579851	TCTCTCTGAT	CTT'TGTGCTC	ACATCGGGCT	GCAGAATAAT	GTCAACCCCT
579901	ACCTTAAGAT	CCTTAATTTG	CCCAAT'TTTG	CAGAGTGTCC	ACCATGAAGG
579951	TGACATCATA	GTCATGAGTA	CTAGGTGTG	GACATCTTTA	GAAGCCATTT
580001	TTCAACAGCC	TCAGATTATA	CCTACCTGGG	TTTA'I'GTCCA	G'TTCCCAAGC
580051	CACTCCATTG	TCTACCATTG	TAGGGAAGAG	GCAAAGAGAC	AGGAAGGAGA
580101	TGGTGT'CCCT	CAGAGAGGAC	AAAGCTGGAG	GAGCAAGGGC	CCGCATGGAC
580151	ATTACATAAT	AACCTGTGGA	CTGAGAAAGA	GAACAGAACT	CAGGGCCCTC
580201	TCCAGTTGCA	TAAACTACTC	TGCACATTCA	TCCAACAGAT	ACTGAACACC
580251	TACT'ATGTGT	CCTATGTTCT	CAGCTCTAGG	ATTTTTTGGT	CTCTCATTA
580301	GTTACCCAGA	GTCTCATGCA	AGTCT'TTTGA	GCAAGGGATT	TTAGT'TTCTC
580351	GGAGTTACCA	TAAGGGAAGT	TGCCACAAAG	TTGGT'GGCAC	TTCTGCAAGA
580401	CAGACATATG	AACCCAAGGT	GTCAATGTGG	CCATGTATCC	TGTGAGGCTC
580451	TAGCGCAAGA	TCTGCCCTCT	CACGTCCCAT	GGTGGT'TCCT	GTGGCTCCTT
580501	GGCGCTATCT	CC'TGTGATCG	CCTTCCTTGT	ATACATCCAA	ACCTCTCTCT
580551	CCTTCC'TCCT	AGCAAGATAC	CAGTCAGTGC	AGACGTTAAG	CCCAGGATAA
580601	TCCCAACTTG	AGCTCCTTAA	CTAATTACCC	CTTTAACGAC	TGTATCCAA
580651	GAAAGTAGCA	TTTCGGAGGGT	CTGGGTGGGC	ATGTCAATCAG	GGAGGAAGAG
580701	ACCAGTCTCA	AAATTCACAA	GGAAGTTGCA	TAGGGGAAGG	CAAGCAAGAC
580751	TAAATAAACT	TGAGAAAGGG	AAAGAGGGAC	ACTGAGTAGG	AGTGGGGAAA
580801	GCTGGCAGTT	T'TAAATTGGG	GOTCCTGGAA	GGCCACTGTA	ATAT'TTAGCA
580851	GAATGGCCAG	CAAGAAGACA	C'TTGGAGACA	GAAGATCAIT	ACATATCTAC
580901	CT'TCCTTCTT	TCCT'TCCTTG	GAGCTGAGGA	TATGTCCCTC	CATGTGCAGA

580951	TCTCAGGCTT	GAAGCCTGTG	CAGTGACACT	TCTTTATGGT	CCAGTGCAAC
581001	TCTAATGACA	CTGATAATGA	TAAATGATGAG	ATTTGGGGCG	GCCCCCTCCTT
581051	CTTGTGTGAG	GACCCCAITG	TGCCAACTAA	TTGTATAGAA	GCAAGTAGGG
581101	CAACTGTCTG	TGGGGTGGAA	GCAGTGGGGA	GCAGAGAGGA	ATCTGCTGTT
581151	CTGGCCTTGG	GGCCTTCCTG	AATGACCCTG	ACACAGCCTG	AACCTGGGCA
581201	TCTGGGTAC	TGTGGATGCT	GGAAGGGACT	CGGGAGACCT	TCCCACAGTA
581251	GAATGGGGTC	TTGGGACAAG	CGAAGTCTCC	TGGCTTCTTT	ATCCCCTTAA
581301	TAGTTGCTGG	AAGATCCAATG	GGCTAAGCCT	ATTGCACTGG	CTGGTTTTAT
581351	ATTTCAACTT	GATACAAGTT	AGAGTCATCA	GAGAGGAAGG	AACTCCAGTT
581401	AAGGAAACGC	TGCCTTIGAGA	TCCAGCTGTA	AGGCATTTTC	TCAATTAGTG
581451	ATCAGTGGGG	GAGGACCCAG	CTCATGATGG	GTGGTGCCAT	CCCTGGGTCC
581501	TAGGTTCTAT	AAGAAAGCAG	GTTGAGCAAG	CCAGTAAGCA	ACACCCTCCA
581551	TGGCCTCTGT	ATCAGCTCCT	GCCTCCAGGT	TACAGTCCTG	CTTGAGTTTC
581601	TATCTTGGCT	TCCCTCTAATG	ATGGACTATG	ATCTGGAAGT	GCAAAGCAAA
581651	TAAGTCCTTT	CCTCCCCAATC	ACTCTTTTGG	GTCTGAGTGT	TTCGCCATAG
581701	CAATAGAAAC	GAAGATAACCT	ACTTGCCATA	GAAGAAAAAG	AAGCACACAA
581751	TTTGTGAGGG	GCACAGCTCC	ACTATTGGCC	CCACAGGCAG	TTGGCAGTTT
581801	TCTGTACCTT	ATACATAAGC	CAGTTTGGTT	TGTTTGGTAA	AAGTTGGCCA
581851	CAAGGACCTC	AAGCCTCAGC	ATTTCAACTC	CCGTACTTAT	CTGCACCATC
581901	TCTTTAAGTG	ATGCTCTAAC	TTCCAACAAG	CCCCAITTAAG	AGCACCCCTT
581951	CTAGTAAATA	CATGTTTTAA	TGGAATAGAG	TTTTTTTTTT	TTTCTTAATG
582001	ACCTATCTGT	GGCAGGGCAC	TTTCATAAGA	ACGTAITGAT	CGGCTTTTA
582051	AAAATTCCTC	AAATGTTTTCC	ACTTGTCTCT	GTGACCTCGT	GTTTTGTCCCTG
582101	TTCTCAGCAG	CTCCTCCACA	TCTGAACACA	GTGTCAGAT	CTGCATCTCTG
582151	AGCCCTGCCCT	GCCAGTCTTT	GGTTTTGCTC	TCTGACCATC	TTGAAATGCT
582201	AGGCTGTTTG	CATTCTGCTA	TTTGGAGTGT	GTGCTGTTTC	TGATAGTTGA
582251	GATAGGAGTT	GATATGAACC	TCAGAGGAAG	GGCTAATAGT	ATTGCTCCCA
582301	CCCAGTCATT	GCTAGGGAAA	TGGGCCCTCA	ACACCTCTAC	AGTTCTTCCT
582351	AATGACATAG	GGGGTGTATA	AGGTAGAGGT	AGAAGCCAGA	CCATCCTGGG
582401	CCAAGAGGCA	TCACTTTCTC	TTCTGTCTCC	ATGCTGCCTA	GTTTTTCTAA
582451	ATACCTCCTC	AACATTTCTTC	CATGTAAGGT	CTATACCAGA	ATTGAAAACCT
582501	GAGAACTTTT	GGTACACCGC	ACTTGTCACT	TGACGAAGAA	CTGCATAGAG
582551	TGAAGGCCAC	ACATCACTTT	TGTTTTGAGTG	TTTCGGTCTG	CAAATGTGTT
582601	TTAGGTGGGC	TAAACAGCTC	TAAGTTTCAA	GACAAAGACT	GATTTTCCAC
582651	AATGCCAGTT	AACAGACTGA	CCTAATGGAC	AAAAATCAAT	AAAATGACTT
582701	AGGCAGATAT	CTGGAAGACA	TGGAGAAGAA	TTTAGTCCCT	TTCAACTTTA
582751	ATTCTCAGCC	CAATTCAGAT	AAACTTTGCT	GAACACCAGC	AATGGACCAG
582801	ACCCTTTTCT	AGATTCTGGG	GGAACAAAG	ATGAACAAGG	CTGTGTACCC
582851	TAGAGAATAA	AAAATTAGTG	TGGGGAGGAG	ACAGTCAATA	AATACTCTTA
582901	ATAGCTGATG	TTTGAGACAC	AAGGAGATAC	CCAAACCCTT	TTCTCCTGGG
582951	AGATGGAAGA	GCTGTAAAAG	TCTTGGAAGA	AGCCTTGGGC	TGTGCATGCC
583001	TTTGTATGTA	GGAACACATT	CTACGTAGTG	AACCAATATA	GAAAAGCTAT
583051	GTGAATGGAC	ATATGGTCAA	CCTTATTACT	AAGACCTACC	TAGTCAITAG
583101	CATTTTGTAT	TTGTTTTAAG	TACAAGTTTT	CTGACTCTGC	CATGGACATT
583151	ATTGCTGTCT	TAGATACTGC	TCTATTTGCTG	TAAAGAGACA	CTAAGACCAA
583201	GGCAACTGTT	AAAAGAAAGC	ATTTAAITTAG	AAGTTTACTT	ACAAITTTAG
583251	GTGGTTAGAC	CATGATCATT	ATGGCAGGAC	ACAGACAGGC	ATAGTGCTGG
583301	AGCAGTAGCT	AAGACCTTCA	CATCCTGATC	CCACAGGCAG	CAGGCAGGAA
583351	CAGTCAGTTA	GACAGTTTTG	GTCCGGTGTG	GGCTTTTGAA	ACCTCAAAAA
583401	AAGCTTACCC	CCCAGTGACA	CACCTGCTCC	AACAAGGCCA	CACCTCTTAA
583451	TCCTTCCCAA	ACAGTTCCAC	TAAGGAGCAT	TAAACATAG	GAGCCCATGG
583501	GAGCCAITTCC	CACATAAAACC	ATCACAGTTT	CCCAGGCAAA	ACTGATGGGA
583551	ATTGCTTCCT	AATATGTGTG	ACTGTGGAAT	TTCTAGTCCC	TTAAGATAAC
583601	ACTCTGCAAG	TGTTCAGGGT	TGGCATATCA	TTCATCCTTG	CCTTGGTAAG
583651	TCACAAAGCA	TGCATAATTG	AGGCCCCCAG	AAGGCTTGTA	GCAGGGGACC
583701	TATTTAATTT	CATGTGACTT	CTATGTCCCA	AACTTCTTGG	CATGAACACT
583751	ATCATCTCAC	TTTGAAAATC	CAGTATAACC	CATATTITCC	TTTATGGATA
583801	TGTCCTGGGG	AAACCAAGTG	TCACTTGGGT	ACFTACGATG	TTCTTACTAT
583851	GGAAGACTAT	AAACAITTTA	GAGACAGTAG	AGAGAATGTG	AGGGCTGTTG
583901	ACAGACACCA	TGCTAACTAC	TCTCCATGTA	CCTTAGTATC	CTTCTGTTTG
583951	TCATGGAGGT	GGTAACAATG	ATAACCTGTT	TCATGAAGGT	TAATGAGTTC
584001	TTCCCACTGG	TCATAGAAAT	AGTGGGAGAG	CCATAGCAAC	GGGAGGGTGT

584051	TATGTTTGTGT	ATGCCTCCAT	ATAAAGCCTG	TATTGGAAAC	AGTCCCTAGC
584101	ATAACAGTGT	TGGGAGGCAG	GAGGTTTCATA	CATATTTAGG	TCTACACTCA
584151	TGAATAGCCC	AATGCCAGTT	A'AAAAAGAGA	CTCAGGCTGC	AATTCTGAT'I
584201	TCTTACTAT'T	TCGTGCACAT	ACACCTTCTC	CTTCAIT'GCT	GCCTTCTGCC
584251	A'TAGAATGAT	GAAGCAAGAT	GGT'TCTAGCT	GGATGCAAGA	AACTGACCTT'
584301	GGACCTCCTA	TGGGCCCTTG	GAGT'TGTGAA	ATAAA'AAAT	AAATAAAATAA
584351	ATAAAATAAAT	AAAT'TTCC'IA	CTCATGACAT	TCTGTACACAG	GGGCACCAAA
584401	TGGTGTAAGG	AAAAGGGCCC	CTTGGTGACC	TGT'IGTATTG	TCTACTGCAG
584451	TGTCGACATG	GAACAGTGGA	TGCAAAAATG	GTCTTGGAAA	CCCATACTGC
584501	CTGATGCACT	ATCTCAATCC	CTCTGTATAC	TAACAGCACC	TTAGGAAAGC
584551	AAT'GCGGAGT	CTTGTA'AAAAG	CTGTTCCCCC	TATCTGT'TAA	TCAGGGACAA
584601	TCATGGTAAC	TACT'I'CTTTA	GTTTAGTTTA	GTTTAGTTTA	GTT'TAGTT'I'G
584651	GAATAAATGA	GTCAAGTCAT	GTGAAAAGAC	ATCGCAT'GGC	ATATAAGACA
584701	TTT'I'PGCCTT	TTCTAAAAAA	AAAAAAAAGT	AGTCTATATT	TCTGTGTAT
584751	TAGCATCA'I'I	CTCTCAAATA	GACTGACTTG	CAGACCCAGT	CATGAAGAGC
584801	CAGTTGTTTT	TTTT'TTTTCA	GCTTCCTTAG	CAAGTTATTT	TGGCATCCCTC
584851	CCCCCCCCCCC	AACCCCCCTG	ATCCTGACTC	TAGGAGCCTT	TAATTCAGAG
584901	TTTGGTTTGT	CACAGTGACT	TCCTGTTCTC	TTTCATTTAA	TGGAGTCTGA
584951	CTCCTTCATC	TTGTGGACTG	GCAACTGTAA	TGAATGTCAC	CCGACTCTTG
585001	AGACCACC'TG	GTCCCTCCTT	TGTGT'GCTGT	ACCTTTCCTA	AAGATGTACA
585051	CCCCTGTTGC	AAATCACTTA	GCAAGGACC	TTGGGATGCT	CTTGGAGCAA
585101	ACCACCCCC	TCTTGAGGAT	GCAGTTGCC	ATGTGAGAGG	AGCAGAGCTG
585151	GATTGTTGGT	TTGTT'AAAAG	T'TTTCTGATA	CCTTATCAGT	ATAGGATCTT
585201	GGGGACAGGT	CACACTCACC	CCACGTTCAA	GCCAATTACC	TGATATTTAG
585251	TTATCGAATT	CCTTCAGGGA	CTGTC'I'GCTC	TTGGTGAACA	ATTAGATTAG
585301	AGGATGCTGA	'TGAAAT'TCTG	GTGGCAGGAA	GTGGGAGTTA	CATTTCTGAG
585351	CTCAGAGTTT	CTATTTCAAG	GT'IGAGTAAG	TGGTAAATTT	TTACTGAGGG
585401	AGTCTAGCCT	AATAGAGTCA	GATTCTCAAG	GTCTGTCCCC	GCCCCACCCC
585451	TGGCGCAGTA	CGTGGATGGA	CAC'TCAACC	TGCCTGGAAA	ACTTCAGGTT
585501	TCAGGTTTTT	GGAAGCGGC	TCCCTGTCC	TTCATGTTGG	CATGAAAACA
585551	ATTAAATAATT	TAAGCCAGAC	CCATTTTAAA	AAA'TAGAAAT	GCTATACAAA
585601	TACAATAACG	ATAAATTTAA	AAGTCGATCC	AGTTGGGCAC	CA'TTCCCAGA
585651	CTACCAACTG	AGCAGACACA	CAAATAAGTA	AAGAAGAGGA	AAA'ACTGCTA
585701	TATAATGCAA	ATGGCTGCCA	TCTCCTTGTT	TTCTGCT'GTT	CTTTTAT'TGC
585751	AGATATATAA	TATCAAGGCT	ACATTATGGG	TAAATAGGTT	TTGTGGCCTA
585801	ACCCAGAAAA	CCTAATCACA	GCTTATAATA	TTATTTCTAT	GAAGGAAATA
585851	TATTTTATA'I	TATAAACAGA	TGGTTGGCAA	GCAGTATTTG	GAGCACAATC
585901	AGTTTGTAAG	GCTGGGTCTA	CCGGGGATTT	TAACCTTTAA	CAGA'ACTGGA
585951	TGCTCGGATG	TTGAAACCAC	AAGGCATCTT	AGAGGACCCC	GGTGAAGTGA
586001	TTCTCTCCAG	AATCTTCACC	AAGATTTTCA	TCTTAAAAAC	TGCCTCCCCC
586051	ATCTTTGTTC	TTTGGTTACC	TGAGACCCAC	TTTCCCGTCT	TGGCTCAGCC
586101	TAGCCACGCT	TTCTAAATTC	TGTTGAGACC	CCAGGAAACT	GGGAGGTACT
586151	CTGAGAGGCC	TTATCCTGTG	CACCT'I'ATAA	AATGGTGGCC	AGGGTCTTAG
586201	GAGGCTACCA	GTGAGAGAGC	CTGTGTGCC	CTGAACCTAG	GTCA'IGCTAG
586251	AAGAGTGGTT	C'TCAACCTGT	GGGTCTTGAC	CCCTTCGCAG	GGCGAGTGAC
586301	CCTTTCAAAAC	ACACATGT'I'I	ACAT'TAGAA'T	TCATAACAGT	AGCAAAATTA
586351	AAGTTAGGAA	TTAGCAACAA	AAA'TAAAGT'I	TGGGGTTGTC	TCAACA'TGAA
586401	GAGTTACATT	AAGGGGTGTC	AGGATCAGAA	AGTTGAGAGT	CATTACAACG
586451	GAAAGAGAAC	TAACGGGAAA	TCACTCAGAT	AAGC'ACCCAG	CACAGGTGCT
586501	GTTGCTGCCA	TGTTTGGGTT	GTGGAG'TTTT	TCAGGTATAC	GATGGGCTAC
586551	ACAGAT'TTCT	ACTGACTTCG	GAAGCAA'ACT	CACCACA'TCG	GAGTGGT'I'ITC
586601	TGAGTGTGAG	AGAGTGAGCT	TAGCAGTGTC	CGGAAGCTCC	AT'TGGCCACT
586651	TGAGGCTGAG	TAGCTTGGA	CATGTT'TTCT	GGGTTGCAGA	TGGGGAGGAG
586701	GATCCATTTT	CTTATATATT	CGGGTGGCTG	TATTAAGTCT	TATTATTATT
586751	TTGAACAAAT	TGAGTCTATA	ACACATTTCT	AGTAAGCTGA	GAAGAGACTT
586801	CTTAAATAGT	TGCATGCAC'I	AAT'TGTTACC	ACATAAAGAG	'TTTTCACCTA
586851	AGGAAAGT'I'I	TTTTTTTTTT	AATTTAAATT	AAC'TTTTAA	TTCCCTTCAG
586901	GAAAT'TTTT	TCTTTGCACT	TGGACAGT'I'I	TATGT'TCTAA	CTTTCAAGTA
586951	GATTTGTATC	TACTTATTGA	CTTGATCACG	TAGGCATGAG	ATCTAACTAG
587001	GAATAGGAAC	AAAATAAAAT	AAAACAGTGA	GTTAGAGTTT	TCTAGAGGAA
587051	CCAACACACA	CACACATGTA	TGTATGTATA	TAT'I'ATTTTA	TGTATGTATG
587101	AAATCAGCCT	CATTGAAATA	GTACA'ACTGC	TATCTCATAT	CTGAGA'ACCT

587151	GGTAATTGCT	TGGTCCCTGA	GGCTGTGTGC	CTCAGCAGTT	AGAGTAATCC
587201	CACAATGACA	GTCTCACAAAT	GGGGAAGCTG	AGAACCCAGT	AGTTACCAAG
587251	TCTACAAGGC	TGGGTACGCC	AACAATCTTT	ATCTCCTGCC	AAAAACTTGG
587301	AGTGTTTCTG	GAGAGCCACT	ACTCCCCAGT	CAACAAGAGC	AGCCTGGAAA
587351	CACCAGCTCT	AACTCTAATG	TCAATGAAGG	AACCAGCAGC	AGCAGAGGCA
587401	GGTGAATTAA	TTAAAGCGGC	AAGATGGAGG	ACCAAGTGAG	CAAAATATCC
587451	ATTTTAATTT	GGGCTGCTAC	CAGGAGGCAC	CATCCTCTTT	CGGGGTGGTT
587501	CTTCTCAGAT	CAAGCAGGGC	AGTCAGGGCT	GTCTCCGGT	GAGGCTTTTT
587551	ACTCAGGTGA	TTCTAATTTG	TGACAAGTTG	CCATTAGGGC	CAACCAGCAC
587601	AAATAGCGAT	TGCTTTCAGA	TTGATCCTAT	TGTGATTTAA	ATATGTTCCC
587651	TGCAAAACCT	GTGTTCTCCT	GGAGTGGGA	GGTGGGGCCT	GTTGGAGGTG
587701	GGGCCTGTTG	GGAGGTGTTT	ATGAATGAGG	GCTCTGTCAT	CTCCAGACAG
587751	GCTTGAGACT	GTGAGTCTCT	TCTCTCACTC	TCGCCCTTTT	CTTACCCTTC
587801	CATTTATAGG	TAATGCATCA	AAACATGCCC	TTGCCAGGTC	TTGGCAGGTC
587851	AGCCCATGAC	TTGTAAAACT	ATAAGAAAAA	AAAATATATT	CTTCACAAAT
587901	TACTCAGTTT	CTGGTATCCT	GTTATAATTA	TACAAAATGG	AAITAGCCTC
587951	ATAATTGGTA	CTCAGTAGTA	AGGCTGAGAT	ATAATCAATA	CCTGACAGCG
588001	TGGGCCTGGC	TGGGAACTGG	TCATGGGTTAG	AAGCTGTAAG	AGCCTGGGAC
588051	ATTGGGAGGG	GGAAAAATCT	ATCGCAGTGT	GCTGATTCCT	TTAAAAAATA
588101	TTTATTGCAG	TGGTGTGAAT	GTACAATACT	TAGATATGCT	GTATATATAG
588151	TGTAACATCT	GTATATTTAA	TCATAAAGGC	AGATAATTGA	AAACATTTGA
588201	AAATTAAGCA	CTTCAATTCT	TGTTAAATAT	GAAACATTTG	TATCTTGTA
588251	ATAAAGACAT	CCTTAAATTT	GTTTTGGAAA	AAAAATATTT	ATTTTTATTT
588301	TACAAATATG	TTAGAGCCTG	CATGTATGTA	AGTATGTGTA	CCATGTGCAT
588351	GTCTGGTGCC	CACAGAGGCC	AGAAGACAGA	GTGGGATGCC	TAGAAACTGG
588401	AGTTATAGGC	AAACGTGAGC	TACCCAGGGT	GTGTGCTTGA	ATTGAACCCG
588451	GGTCCCTCTG	AAGTCCAGCA	ACCGCCCTTA	GTGCTCAGC	TATCCCTCCA
588501	GCCCACTAAG	GGTCATTCTA	ATGTAGATGT	ACAGATTAGC	AATGTGGAAA
588551	AAGCCTGGGA	CTTCCTAGAG	ATTACAGGCA	CGGTCGTGAT	CAGAATATTT
588601	GTAGAAATAT	GGAAGGTGAA	GGCCTCTGAC	AGGGTCTCCA	GTGAAAGTGA
588651	AGTGCAAAGA	TTTGGAAGCT	GGAATAGAGG	CCATCTATGT	CAGTTCCTCT
588701	TGTGTTGCTG	TGCTAAAATG	CTAGACCAAA	AGCAACTTGA	GAAAGAATAT
588751	TTTAGCTTAC	AGTAGAGAGA	AAGAAGTAGT	CATGGCTGGG	AATGCATGAC
588801	CTGGTAGCAA	GGGTGGGAAG	GTGGCTGGTC	ACAGTTCATC	TGCATATGAG
588851	AAGGGGGAGG	GGCTATAAAC	CTCAAATCAT	CTCCCTCATC	ACATAATTC
588901	TCCCAACAAG	CTCCACCTCC	TAAATAACCT	CCCCAAACAG	TGCCACCAAC
588951	TGAGGGTCAA	GTACTCAAAT	ACATGGGCCT	ATGTGGGACA	TTTCTCATTC
589001	AAACCACCAC	ACAAAGACAG	TGTGGTGTAT	TGAATATGGT	TGGCCCATAG
589051	GTAATGGTAC	TGTTGGGAGC	TGTGGCCTTA	TTGGAGGAAG	TGTGTCACTG
589101	CGGTTGTGGG	CTTTGAAGCT	CTTTGTGGTA	AAGAGCTTCT	TCCTAGCTGC
589151	CTGAGGATGC	CAGTCTTTCT	GGTTGTCTTC	AGATCAAGAT	GCAGAATCT
589201	CAGATCCTTC	TCGAGCACCA	TGTTGCCTGC	CATGCTGCCA	TGCTTCTTAC
589251	TGTGATGATC	ATGGACTGAA	CCTCTGAAAC	TATAAGCCAG	CCCCAACTAA
589301	ATGTTTTCCT	TTATAAGAGT	TGTCATGGTC	ACGGTGTCTC	TTACATCAAA
589351	TAAACCCCAA	ACTAAGACAC	CTCGTTAACA	GTTACAAAGG	GGTTGGTAGA
589401	ACTGTGCCCA	TGATCTAGGA	CTCTGTGAAA	TACAGATTCT	GGGTTCTCTG
589451	TAGAAGAATT	TCTAAGCTAA	ATATTGAAGA	AGCTGTGTGA	TTACCTTTTA
589501	CTGAAAGAAT	AAAATAATTT	AAATACAGAG	TTTGTAGTTA	AAAGGGAAGC
589551	GGGGAGAAAT	TTTTGGGAAA	TTCTCACCTG	GCCATATAAA	AAATGAAGAG
589601	GCATTTTTAG	AAGATGGAAT	TAGGAGCGTG	GCCACGGGAC	CACCTACTGG
589651	AGATTACTAT	ATATAAAAGG	CAACCAGGTT	CTAGTCATCA	AGAGTAACAG
589701	GAGAATGACC	TCAAAGACAC	TCTTCAAAGT	AGGTTGGACC	CTTAGGGTAA
589751	AGCTGCCAGA	GAGGTTCCCT	AAGGTCCCCA	GCATTCAITTT	GCCAGGCCAC
589801	TTTGGGACTT	TGCTGCTTGT	GTCTGGGTTT	AGTGTTCCTT	GGCCATCCAA
589851	GCTATGGCTC	AGGCAGGCAT	AGATACAGCT	TGGATTGACA	TTCTGGAGGG
589901	TCAATGTGGT	AGACCATGGT	AGGTAGCATC	TACTTGGTAC	TACTTTTATA
589951	CCTATGCATA	GTTTCATGGC	TAGGAGCCTA	TGATAGCCTT	CATCTAAAAT
590001	CAAAAAGGCTA	TCACGGGCAG	CCCGGGAGTC	CATGCAGAAC	TTACTACAGG
590051	GATAAAGGGA	GTGTATGTTG	AGAGTATTTA	CTATAGCGAT	GTCTAGAAGC
590101	TTATGGGAAT	GGTGTATCTT	CTGAGACCTC	AGAATATATAC	TAACACTAAA
590151	CCCTTCAGCT	GCAGGTACCA	GACCTAACTT	ATGACAGCTA	CTAAATGGAC
590201	TAAGCCCATC	CTAGCATTAG	TAGAACTGCC	TGAGTGCCTG	TGCCAGGATG

590251	TGGTCCATGG	ACTTAAAGGA	GGTTATTCCTG	GAGCCTGAAG	AGTTAACGTT
590301	CTCCTCCTTC	CTGGGCTGTA	GAATACATGG	AAACAGTTTC	TGCACACTTA
590351	GTTTTTCTTA	TGGAATGAGA	ATGCTGTCT	GCCTGTCGT	CTGCTGTCT
590401	CATCTTTGCA	TTTTGGGAGC	ACATACTATA	TTTACATTCA	AAAATCTCAG
590451	GGCCGGAGAT	GATTGTCTCT	GGATGTATCA	GACATAGGTT	CTCACCCACA
590501	GCCACTTTAG	GTGAGAGCCC	AGATTTTGAG	TTAGTACGGA	GCCAACTAAG
590551	TCTTTGGGGG	CTGTTGAGAT	AGAATGAAIT	TTCTGGCCTG	GT'TTTCATGG
590601	GAGAGGGACA	TGAAGTTTTA	GGGTCAGATA	TGCCATGGTG	TGGCTTGAGT
590651	ATGTCCTTCT	CAAAAGCCTG	TTCGAAACCT	ATACTCTGGT	CGGTCAGTTT
590701	TGAGGGGTGA	GGTGGAGATT	AATGGGAGAT	CAAGAGCACC	CCACCCCCAC
590751	CATGAAAGGG	AGAAACTAGC	AACAGTGAAT	TCTGTGTCTT	TTTTTGACATC
590801	CTCTTCTCCC	AGGGAATGAC	ACAGCCAGAG	ATGTTTCACC	AGAGTCAAGT
590851	GCCCAGTCAT	AACATATCCCA	GTTTCTTAAG	AAATAAATCT	TTATTTTITTT
590901	TATAAATATA	TGAGTCTGGG	TCTTCTGCCA	AAGCTGCACA	GATCCTTGGA
590951	AGAGGGGAG	CACATGCCCC	AGCTATAAGCA	ATGAACACAT	ACACAAACAT
591001	ACAAAGAACA	CACACACAAA	CATACAATGA	ACACATACAC	ACAAACATAC
591051	AAAGAACACA	CACACAAACA	TACAAAGAAC	ACATACACAA	ACATACAACA
591101	AACACATACA	CAACATATA	AAGAACACAT	ACACAAACAT	ACAAAGAACA
591151	CATACACAAA	CATACAACGA	ACACATATAC	AAACACACAA	AGAACACATA
591201	CACAAACATA	CAACGAACAC	ATACACACCC	CTGACATTTT	CTCCAGAACA
591251	CACCTGGGCT	AAGATGACTC	CAGTTTCCCT	CCATTTCAAA	ATGGCCTGGC
591301	AAAGTGGAAC	GAAAACCATG	TAAGAGATCT	AGGAATTTGG	CTGACCAAGAG
591351	AGCTTGCTTG	TAATCCTAGC	CTTTGGGAGG	TGGAGGCAGA	AGGATGAGAC
591401	ACTTGAAGCC	ATCTTTGCC	TCCTACATTG	TGATTTTGAG	GCCACCTTTGG
591451	TCTACATGAG	ACCTTGTGGA	GGATGGAGAC	AGAAACTGGA	GAAGGAGAAC
591501	CTGCCCATCG	AGTGGTCAAG	TGGCTCATCA	ATCGCCAAGT	GGAATGATAT
591551	TTTCATGTCA	TTCCGGGAAT	GGCTTGAGAA	TTTATCCATT	TGGCCATTTTC
591601	CTTGATGGGT	CCACAAGAAAT	AAGAACGATT	TGTTTCAACA	GAAATCATCC
591651	CAAAACCCCT	GGTTTGTGTT	ACTAAGATGT	GGAAGCGCTG	AGCTCTGCTC
591701	CCCCCTCTTG	AGAAATGCGA	ATGTGTGGGT	AATGTGCTGT	CGAGATTTTA
591751	CAATCTGCAA	TATTTGAGAA	GTAATAAGAT	ACTGTTGTTG	GTTGACCATC
591801	TGGTTATACA	TACTTGGTGT	TGTGGTTTGC	TTTTTTATTC	TTTCATTTTT
591851	ATTGTTTAA	ACTGGTGAAG	GGCAAAGAAT	GAGAGTTAGA	AAAAAATTCA
591901	GATTTGGCTT	TCTTATACAA	ACAAAGAATT	CATATTTAGA	TGTGCAACCC
591951	AGTTAGTTGT	TGTTTCTAGG	GGGAGAGTAA	ATGAACAGTC	CAGTATATAT
592001	GTTCTTTTCA	TTTCTTTCAT	AAAAATAAAT	AAATAAGTAA	ACTAACCTTA
592051	ACTCCTAATT	TGATCTTCAG	CTCCAAACTT	TTGGCTTATG	TGAAATCAG
592101	TCTCGTTGCC	TGAAAGAGGA	GTCAAGCATA	AATCAAAGCT	CTAGAAAGAA
592151	AATTCACCAG	CAGAACGGTC	CTATAGAGAT	TTTATATTTT	ATCCATTCAC
592201	TCAAAAATAT	TTATCGAAAC	CCTAGTATTT	GCATCTCGTG	CTGGCAGACG
592251	CTGAGGGAIT	TGCTAAAGAA	ACATCAAGAT	GTTCTCCCTC	CCTTCCAGGG
592301	GCTTAGTGCT	TTCCTCGGGG	GAAATGGCAT	GGCCATGTGA	AACATTAAG
592351	TTGTAAITCA	AGACAGCATA	TGATTAATA	CCAAAATGTG	TGGTTCCGAC
592401	AAGAAATGCT	ATAGTTTACA	GAAGGGAGTG	ATAACTTTGT	AGCATGACTG
592451	GTTTTTCTGC	CTACAAATTG	GCAAAITGTA	GCATATTTTG	TATGAAATAT
592501	TTTACACTTG	CTTTTTTTGGC	AGCCTTAGGC	CTTGACTCCC	AGTCAGCATT
592551	AAGAGCCTGC	AAAAATATTT	GTACTCCAGT	CACGTGTAGAA	TTGGCTTAAT
592601	TTTTCTCCCC	TTCTTTCTCC	TATGCAGAGG	AAGTGCCTTG	GTACAAGCCA
592651	GAGGGCCCCG	GAGAGACAGG	GAGTTTGTAG	TCATGAACCT	TTTCAGATAC
592701	AAATAAGGCA	CCAGCCTTGT	CATTCTCTGT	ACTCCAAGAC	TGCCATGCTG
592751	GCAAACTCCC	TCTGACATTG	AGAGAGGTCT	AATTTGAACT	TAATGTCTGT
592801	GACGGACGAG	TGAGCCATTA	TGGGTCAGAT	AGATTTATGG	CCTTGGAGAA
592851	TCACTAATGA	AAATCCCTTT	GGTTATGAAG	TTGGAGAAGG	GCTAACCCAG
592901	ATGTAGGAAG	GGTTGAGACA	CATATGTGCT	CCTGGGGAGC	CCAGTTCCCT
592951	GGTGGGTGAC	AAGCTAAGGG	GACTTGGGAA	TGGCGGCTAG	AAAACTTAC
593001	CAACTTCCCA	TTCTATATTT	GTCATATCCA	AATGAGCACA	AAACTCAAAG
593051	AAAAGCCATA	AGACTAAATT	GTTAAGAATA	AGAGAGAGAT	GATAGGTAGG
593101	GCTTCCAGGG	GAGGGAGGGG	GACACCAACC	CTACCCATAA	AACCTTCGAC
593151	CCTGATTACA	AGATATCTGG	GGATAAAGAT	AGAGCAGAGA	CTGGGGGGAT
593201	GGCCAACCAG	TGGCTGGCCC	AACTTGACTC	ATCCCATGGG	CAAAAACCAA
593251	TTCTTAACAC	TAGAAATGAT	GTTCTGCTAA	GC'TTGCAGAC	AGAAGCCTAG
593301	CATAACTAGC	CTCTGAGAGG	CTTCACCCAA	CACGTGATGG	AAACAGATAA



593351	AGAGACCCAT	AGCCAAACTT	TAGGCAAAGA	TTGGGGAGTC	TTGAGGAAGA
593401	GGAAGAGAGA	GGTTGGGTTG	AGGGAGCTGG	AGGGGTCAAG	CACACCACAA
593451	GAATACATAC	AGAATAAATT	AACCTGGGCC	CACGGGAGCT	CCCCAGGACT
593501	AAGCCACCAA	CCAAAGAGCA	TGCAGGGGCT	ATACCTACGA	CCCCTATACA
593551	TATGTAGCAG	ATGTACAGCT	TGGTCTTCAT	GTGGGTCCCA	TAACACTCGG
593601	AACAAGGACT	GA CTGTCTCT	GACCCTGTTC	CCTGCCTTTG	GCTCCCTTCA
593651	CCTTTCAGG	CTGTCTTGTC	TGGCCTCAGT	GGGAGAGGAT	GCACCTAGTC
593701	CTATTGCAAT	TTGATGTGCC	AGGT TGGGCT	GATAGCCATG	GAGGCTGAAG
593751	GGAAGGGGGA	GTTGGGGGAG	GGGTGGGAGG	GTGGGACTGG	GAGAAGAGGA
593801	GGGC'TGTGAT	CAGGATGTAA	AGTAAAATAA	ATAATGAAAA	AAACAGAGGA
593851	AGAAGAAATA	AAATCTTTTG	AAGTCAATGT	ATCGTTTGGG	CCCTTTCATA
593901	ACTGTGCTGC	CCCTCAGTGA	TTGCTGTAC	CATTTAAATG	TGTTGGAATC
593951	TCATGAAC TA	GGAGTTCTTA	GTTTTCTTTT	AAAAC TCCAC	AGTTGT'TTGC
594001	TCAGGCTCAC	CTTCAITTTA	ATCTTTGCCT	GGAAGGGGTG	TGGT'TTCTCA
594051	AGCTACTCCA	TGTTACTCGT	TGGACTGTCT	GCATGGTGTCT	GTGTCACTTG
594101	GCGATAGGGT	TGCAC'TTGGT	GTTCACTCCC	CTCATTGGGT	TGGTGGCCCA
594151	TCTGGGAAGT	TAAAAGTGAC	CCGGAGTGAC	CCGCGCATCA	AGGAAGCCAG
594201	TGATTGCACT	GTGAGAGCAT	CTATTCATCA	AAGGACCTGG	CCCTGGCCAC
594251	AGC'TTAAGAT	TTATTTGGGG	CATCTCCTGA	GCTGGCTGAC	CTGGGAGAGT
594301	GGCCTTGCAA	AATATTTTGC	TGATATCTTT	TGATATAATT	TGATATACTGT
594351	CTAAATAAAT	GTTCTGGAGC	ACATGGT'TAC	AGAATGTCTT	ATCATATTCT
594401	TGGGCAGACT	CTGCCCTTGA	AATATTTTCA	T'TTAATCATC	ATGT'TGCAAA
594451	GCTCAAAACA	GTAGCTT'IAT	TATTTCTTTT	GAGCACAAAA	TGAATCTCAC
594501	TCAATAGC'TT	CGTAT'TCTGG	TTAATGTATT	GCAAGCCTAA	AATATATTCA
594551	AAATATAAAC	CTTTTCTGGG	CTGGTCT'FAA	GCCGAAT'TTC	TCCACAGGCA
594601	CTCT'TATTTT	TAGAATTCAT	GGAAGAGTAT	CCTTCCATTT	GAAGTATTTG
594651	ATGATGTCAT	CTTGGGTGAT	AGCCTAGAAG	CTGAAGTTCA	ACATGTTGTC
594701	AACATTTGTC	CTCTGTCCCT	AAACCTGATG	AAACACACAC	ACACACACAC
594751	ACACACACAC	ACACACACAC	ACCTCTGCTA	T'TTCTTTGT	GCTTTTCATG
594801	AGTTTAATAT	CAAAATCCCTT	TTCTCATTCA	AAATCAATAG	CCTACCATAC
594851	AAAGTGCTTT	GTACTACTGA	TCATGAGAAA	GCTGTAATTA	ATGTGTGTGT
594901	GTGACAATTT	ATCAGTTGGT	GTCTT'TGT'T	TGTTT'TGT'TT	TATAGGTGCA
594951	CTTTTCAAGG	GGATTGCACA	CATGCTGGGA	GCTTTGAAAA	CTGGCTGGAT
595001	ATTTTCATCAG	GACCTAAAAA	ATGCCCCGAA	ATTCAGATAC	TTCGAAGCCT
595051	CCGAGAGAGA	GTAAGAGGAA	ATAATTTTAT	TTGTCTTTAT	GATATTGTCT
595101	TTATGATATG	GTACAGCTGC	CTTCTGGGTA	TAAAGAAAAT	CTTTTCACAA
595151	TGAAATAGGC	TTCATGACAG	GACTCCATTC	ATTCTGTTGG	TGAAT'GGTAA
595201	GGGCCTGCCA	GATGTTGTCT	ATCTGCAAAG	TGCCAAGGAT	GCAGTAATAG
595251	CCAGGTCATT	CGTGGTACAG	CCCACCCCCA	TAGAGGCTGC	CATCTTGCTA
595301	AGTAAAGATG	ACCTTTAGGG	GTGAAAATCA	AAGAGAAGAT	GCATTTT'TT
595351	TATGCAGAAG	ATATCCAGCT	TGATTTTAAA	AATAGAGGAA	CAATAGCTC
595401	AGACTTATAG	TTGAGTAGAT	CCCTGCAATG	TGGATCTCAG	TGGGAT'TTFA
595451	TTTTGATCAG	CCAGTCTTAA	TACCGCTGTC	TTCAGTCTTT	GAACAAC TGC
595501	CGG'TGCAGGA	G'TCAAGCAGG	AGCATGCACC	AAAGGGTGA'T	TGGGTCCCTT
595551	GGAAAGCTCC	TGACATGGCG	TGAAAGAGGG	ACACAGAGAG	CGCAT'TGGAG
595601	CAGAGCCTTC	CCTGATGCCC	ACACCCACCC	TGCC'TTGAGG	GGAATAGAAT
595651	T'CCTTACATG	ATGCTGTAAG	GAGACAT'TTC	CTCCCTAATC	ATGGC'TCTTG
595701	TGTTATGAGT	AATTGCACAG	AGTCCCCGTC	AGCAGCCAGT	TGACCTGT'CG
595751	ACTGCAC TCA	CTGTGT'TCTG	TGTGAATGCC	ACATTAACAA	GGAAATGGGC
595801	CAC TTTCTCT	TC'TCGCTTTG	CCATTTCAAA	TAGCAAGAAC	CACGCCACTT
595851	AAGATGATTT	AACA'TTTAAT	AAAGGAAAGC	CAGGGCAT'TT	AATGAGTGAT
595901	AAATAATAAA	AGAACCAAGC	TTTCAAGTCA	TGACCGATCA	GAAC'TCATGG
595951	ATTGAAAGTT	ACTTGCTATT	GTTGCTTCCT	GTCAC'TCTCT	GAAGCAAGGG
596001	CGAGC'TCCAA	ATCTCCAAAC	TCCTGCCAGC	TCCGTGCCAG	GGGTCAAGAT
596051	CAGAGTAAGT	GAAGTTCAGC	CATCCATACA	CAGGTGTAGT	CAAGT'TCTTT
596101	TCTTACTGAT	CTGAAGAAAC	AGCCGGCTTT	GATGCTAAGT	GCTAGGCAAA
596151	AAGCATTAAG	ATGTTT'TGAT	ATCC'TCAGGA	CTC'TGATACA	TGGT'TAAGAT
596201	TATGCAAGGA	GT'TTTTCTCT	TTGTCAATTGA	AGGAACT'GTT	AAGGGTGATA
596251	CTATACCTTA	GAATAGAAAAG	AAAAAAAAAA	TAGCTTGCTT	AAGT'GCCGCT
596301	TATACAGTTA	GCTTACCTAT	CTAGGGGTGG	TATAGCCAAA	TCACCATTTA
596351	CATGT CATCT	GGAACATTTA	AAAAAACCTG	TTTCCACTCA	CTCAGGAGTA
596401	GTAGATCACC	CCTGTAATCC	CAGTGT'TCAA	GAGGCAAGGG	CAGGAGGATC

596451	CCTGTGAGTC	TGAGGGACCA	GCCTGGTCTC	CATAATAAGT	TTCAGGCCAG
596501	CTAGGACTCC	ATAGTGAGAC	CCTGCATCAA	ACAACACAGA	GCCAAAAACC
596551	TTGCCCCACAA	CCACTCGTTC	CCCCACCCTG	TGTCCCCACT	GTGGCTTACC
596601	GATGGGCCCTG	GCCGTCTTCC	CATGCAGCCA	TTACATCACT	GTCCACAAAT
596651	CAGAGATAAG	TTCTTTTITTT	TTTTTTTAAAT	TCACATGCTA	CTATTTTCACG
596701	TGTGCTTGTG	CATGCCATAG	CATGACTATG	GTCAGAGGAA	GGGTGGAGTG
596751	GGTTCCTCTC	TTCCACCGTG	TGGGTCCCTGG	GGCTCTGACT	CAGGTATACA
596801	GGCTTGTCTA	TAGGTATCTT	TACCTGCTGA	GCCACCCTAC	TGGCTCAATG
596851	ATTTGCTAAT	TTCCCTTCAG	GTCTTCTTTA	AAACTATCTC	TGCACTTATC
596901	TTCTTCCCAA	CCAAGGGATT	GAATCTTATG	CATGCCAGAG	GCAAGCACTC
596951	TCCCACCTTAG	CTGTACTCAT	TAGCTCTAGA	TTGTTCCCTT	TAATACTACT
597001	GATGCGGTTC	GACCCCTCTT	TCTCTCTTCA	GCTCTCCCTG	CTCTCTCTTT
597051	CCTCTCCCTT	CCTGCTTTAC	TGCCGTATTA	CCAGACCTGG	CTCTCTCTGA
597101	TCATGCTGTI	TCCACGTATT	TCTTACTCCC	TGGCCATCTG	TGAGCTACAT
597151	GAAAGCCTCA	GGTCACCGTT	TCAATAGTGC	CCGACCTTGA	CCTAAAGAGA
597201	TGGCAGTCTG	TGGTGTGTTCC	CAATACAATC	TATTAGGTAA	GGTCAAAGAG
597251	TATTTGCTAG	CTGTCCATCA	TATGCCTGCC	AACATCCTAG	CACCTTTGCA
597301	GGTATGGAAT	AAAAAATACA	TTACAGAACC	TTGGCTCATA	AGAAGCATTA
597351	TTTTCATTACC	CAAAAGCAGC	CAGAGAATAG	CATGTCTTCA	TCTTCACTGA
597401	GGGATTTCATA	ATTAAGAGAA	TTAATTAGAG	AAGCACCTGT	TAGTCTGGGA
597451	TGGATTCTCT	TAAGGTTTIT	GTGAGCAGA	AAGAAGAAGA	AGAAGGGGAT
597501	GTAGTCTCCT	ATTGAACCGA	AATTTCTTGT	TGGTGTCTAT	CTGTCTCCGT
597551	GTGATTATGT	GAGCATTGTC	TTAGTCAGGG	TTCTCTAAAG	GAACATAATT
597601	TAGAGGGAGG	GAAGGAGGGA	GGGAGGAAGG	GAGATATGTT	TGTGTAAATA
597651	TATATATATA	TATATATATA	TACATATATA	TATATATATIT	TAAAAAGGGA
597701	TTTACTAAAA	TGGTTTATAG	ACTGTAGTCT	GAGAAGTCAA	AAAATCGATG
597751	TCTCCCAACC	ACAAGGCCAA	GCATCTAGTA	GTGCTCAGT	ACAATGAGACT
597801	GCATATCTTT	ATAGTCCCAA	TCTGATACTG	GAATCCCAGG	TACATCTAG
597851	AAAGCGTCTA	GGAAGAAGGC	TCTGATAGCG	GCAAAGAAAT	GCTTCAGTAA
597901	CAGGATAGAT	GAACCTTGCTA	GCAAGAGTGA	GAATAAAGT	GCAAAAAGCA
597951	AAAGCTTCCT	TCTTCGAGGT	CCTTTTACGT	GGGCTGCCGC	CAAATGTGGC
598001	CTAGATTTAC	AGTGAATCTT	CAGATCTCAA	ATCCAAGCAA	GAAAAATGCTC
598051	ACAGCTGTGC	CCAGTTGCTT	GGGTTATAGT	TGATTTCTGGA	TGCAGACAGC
598101	TTGACAACCA	AGATCAGCCA	TCACAAGCAT	GGAGATTTGT	ATGGAGGCAT
598151	TGGTTCCAAG	CGCGGCTTAT	GAGCATGGCC	TTCCCAGTTG	AATGGCTAGC
598201	TAACGGAGAA	GGGAGGCCAG	TAAAACCGGA	ACCCGAGTCA	CGGTGCAGAC
598251	ATGGTCCCAT	GGCATTACAC	ATGCAGTTAA	GAACACTGTG	CTCAACACAT
598301	ACAGAGAGTG	TTAGTGTTCA	GTGAAAATCA	TTAACCAATA	AGAATATGAT
598351	GGATTAGGAA	CAGAAAACCT	TTTTTTCTTC	CCACAAAACA	ACCTGGTTTC
598401	TAAAGGAGAG	GTGGCAAAGA	GACTCTTCCA	CAAATCAGAA	CGGAAAAAAA
598451	TTCTACCAGC	ACTGCTTGTG	TCAACAGTGT	CTCTTGCCCA	GTCTGTACAAG
598501	AAGCAAGTAG	TTGGGGGCTG	GAGAGATGGC	TCAGTGGTTA	AGAGCATGGG
598551	TGTCTCTTCC	AGAGGTCTTG	AGTTCAAATC	CCAGCACCCA	CCCACGTGGT
598601	GGCTCACAAC	CATCTGTACT	GGGATCCGAT	GCCCTCTTCT	GGTGTGTCTG
598651	AAGACAGCTA	CAGTGTACTC	ATAGACATAA	AAAAAATTAC	ACAAAGCAAG
598701	TCATATAAAT	AATTGAAATG	AAATACAGAA	AAATGTCACT	GCTTGCTAAC
598751	CCTACACTGA	TGCATATATT	CTAAATATAT	TCATTTGAAA	AACCATTTGTC
598801	AGATTTCCAAG	ATGTAAGTTG	CTTGAGAGAG	CACACGCTCC	CTAGCATCGC
598851	CAAAATTTAA	AAATATCAAA	AACTACACTA	AATAAATAAA	TAAATAAATA
598901	AAAATACAGA	TGTTCAATCA	ATTCTCAGCA	TTCATACAGT	TGTGTCAGGTA
598951	AACAACTATC	AACTTCCAGT	CTTTGGAAAA	AATAATTCAT	TTTATAAAAGC
599001	AATGGAAGTA	TTTCAGGAACA	AACITCAGAA	ACAACATGTA	TTTCCTGTAT
599051	TTAAAAGTTA	CTTTTAAGCT	GAGCAATGGT	GGCACATTCC	TTTAATCCCC
599101	GCACTTGGGA	AACAGAGGCA	GGCAGATCTC	TTGAGTTCAA	GGCCAGCCTG
599151	GCCTACAGCC	TGGTCTACAG	AGTGAGTTCC	AGGACAGCCA	AAGCTTCACA
599201	GAGACCTTGT	CTTGAAAAAC	AAAAACCAAG	CAAAACAAAA	ACCAATTAC
599251	TTTITACTAAA	AGACACTTTT	TGGAGACAGC	TACCAAAAAAC	AGAATGTTTT
599301	TTGGCTTGCC	ACAGTTTGTC	TCAGCCATTC	CCCCCCCCCC	CCCCCATAAA
599351	TAAGAAGGTA	GCAGAACAGA	GAGTGGTCTG	TTGAGCCTAT	TTATAGTTITG
599401	TCATTGTATA	ACCTTCTCAA	TTAGAAACAT	AAGTGTAAT	AGAATATGTAG
599451	AAGATATCTC	TTTGGAAAGT	AGGAAAAACA	TCTATGTATA	TCCATAAACA
599501	TCCCATGTTT	CTTAGGAGAA	TTTACTTCCA	TGACTTATTT	TTCTAGATTT

599551	TGAAATGAGT	AGGAATTTAC	TTTATATTAA	TACTGTATTT	ATTTGGAATA
599601	ATATGAGCTG	ATTTGAATAT	CTAGTGTGTG	TGTATATATA	TACATATACA
599651	TATACATATA	CATATACATA	TACATATACA	TATACATATA	CATATACATA
599701	TACATATACA	TATACATATA	CGTATGTATA	TATATGCATG	ACCACTGTTA
599751	ATAATTATAA	ACAAATGCAI	TATTACACAA	ATACATTGTC	TGTTTGTACA
599801	GTATGTATAT	AATGGTCAAT	GGATGACAAC	AGTAGTTCCT	AATTTGTTCI
599851	GACTTTAAAA	TAGTAAGATG	ATTGATAGAA	TACAACTCAA	AGATGAATAC
599901	AAGAATTTTA	AAGATCAGAT	GTTATAAAAT	AAGGAGAACT	AGAATTTTAT
599951	AAAAAGCAAT	GACTTACAAA	CTATGGAAAC	ATTCACCTCA	TAATTCATGT
600001	TAAATTTAAA	AGTACATAAT	TCAGGGTTGA	TGAAAGGGCT	CCACTGTTAA
600051	GAACACTGCC	GCTCTTCCAA	AGCTCGACTC	CTACGCTGAG	TGGCTCACAA
600101	CCACCTGTAA	CTCCAGATCT	GACGGTCACT	TCCTGCTTCC	ATAGGCAACT
600151	ACACACACAC	ACACACACAC	ACACCCACAC	ACACACACAC	ACACACACAG
600201	CATACCCTCA	CACACTCTCT	CTTAAATACA	TACAAGAAAA	TAAAAAATA
600251	AAATATTTAA	AAATATATAA	AGTGAATCTA	GGATAATTGA	GTAACCTTACA
600301	TAAAGAGTCA	CAGAAAATGG	AATCATATGT	CACATAGTTT	GAAGGTATGA
600351	TAATTTTCTT	TAGCTCTGAA	GTTATGTAGT	ACAAAAAATA	TATTTATACA
600401	ATCAGTGTAC	TTTAAAAACA	GTTTITGGGCT	AGAGTAGTCT	AGGCAGTAGA
600451	GGGATTGCCCT	AGCTTATGGC	TTTAAACCTC	AACACTGGCA	AAAGTAACTA
600501	TAGAAGAGGG	AAAATGAATT	AATAAGGCAT	ATATGTCTGC	AAGGTATTTG
600551	CCATAGCTAA	AATCTCTCAA	GACAAGAAAA	CTAGGGAAAA	AGAAAAAGAG
600601	AAAGATTAAAT	ACACGAAAAA	GCAAGTAGTC	AAAGGCAAAC	GTCCTCAAAG
600651	AGCAGGTTTG	GGAAAGTAGC	TATAAATATG	GAAATAGGTT	CAACCTTGCT
600701	AGTTATGGAA	TAAATACAAA	TTTAAAGAGAT	AATAAGTTAT	GCCAACACCC
600751	AGTGTITGCTG	ATGCCAATTA	GCACAACCTT	TTTGGAAAGC	AATTTGGCAG
600801	TATGTCTCAA	AAGTAATAAA	TATATTCAGT	TGTTTAAATC	GCTAATTTCA
600851	GGCATAGAAT	CCAAGGGAGC	AACTTGAAAG	AAGAAAGCCC	TACGCATAAG
600901	CCTCTATGGC	GGCGGCGTTT	ATAGCATTAG	AAACCTGTTT	GGCAATAAAG
600951	AGAAAAGTTA	AGTAAATATA	GATCCTTGCA	TGTCCACATG	ATGGAATGTT
601001	CTACAGCAGT	GAGTTCTTTG	GCCCTGTGTT	TACTGCAGTC	TAATTGATTT
601051	TCCAACCATC	CCTGCATCCC	ATCTGACCCC	AGAGTCCTAC	CCTTTCCTCT
601101	TTGTTTCAGCT	GTGCTCAACA	AAGAGCCATG	AATCTGGTAA	GGGTTCTCAT
601151	ATTGGGCTGG	GGAAGCTCTC	TTAGTTACTT	TTCTGTITGCT	GCAATCAAAC
601201	ACCAGGACCA	AGGCAGCTTA	GAGAGAGGAG	AGTTAGCCTG	GGCTTGTGGT
601251	TCCAGAGGGA	CGTGAGTGAG	TCCATTGGTG	TGGGGTGGAG	GCAAGGGGGC
601301	AAATGGCAAG	AGGGGATGGG	AGGCAGGAAG	CTCACCTTGA	ACTGTAAGCA
601351	TGATGGAGAG	AGAGAAAAAA	ATAGTGCCAA	GATTTTAAATC	TCAAACACAC
601401	ACACACACAC	ACACACACAC	ACACACACAC	ACACACACAC	ACACTCAGTA
601451	GTGAACCTCC	GCCAACAAAG	TTGTACCACT	GAGTGCCACC	AACTGGGACC
601501	AAGTGTTCAA	AAATCTCAGT	GCCTTCAAAT	CACTATGGAA	GCCAGAGCTT
601551	CAGCTTTTAA	CTGTATTCGT	CAGGATCTCA	GACTATCTCC	CTCCCTCTCC
601601	CTCTCCCTCT	CCCTCTCCCT	CTCCCTCTCC	CTCATACTTT	CTCATACTCA
601651	CACATACATA	TATACATTTA	CTTTCTTTGT	CTGTGCTTTT	CATGCAGATG
601701	GTTAATCTTT	ACCATTACCC	GCAAGGTGTT	TTTACATCTT	AGTCCTAGAC
601751	CTTTATCTAC	ATATTGCATC	TTGCCCTCTG	TGTCGCTGAA	TTTTATTGCT
601801	TTCGATTTAT	ATTGTAGTTG	TGGGCGTGTT	ATACTTTTGT	ACGTTACTCA
601851	AAATTTATTT	TTTGTTTTIT	CCATTTACTA	ATACTTTTAT	TTCTGACCTC
601901	TCTATTTTTT	CTTCTATTTT	TCATATTTTA	TTCTTACCTT	CTTTGTITTT
601951	CATGATTTTG	TTTCTCTATC	TCTCATTTTT	CCTAATTTT	TTATGTTGTC
602001	TTGTATTCTT	TACATTTATC	TTTCTTTATC	TTACTGCTTC	TAATTCCTAA
602051	CTCTCTCTTA	TATACTCTTC	TATCTCTCGA	CACTCTCCTC	TTATTATTTT
602101	TATTCTTTTT	TCTTTTITTT	ATATTTATCC	CTTTCTCTTT	GCAITFCTTTA
602151	TGACTTATTG	TACTAATTCC	TCTCGCTTAT	TTTGTATTGT	CTCTATTTTG
602201	AACTCTCTAT	ATATTTTCAC	TATAACATCT	TNTCCTATTG	CTCCTTATGT
602251	TTTCCTCTCT	CCATACTCTC	TAATCTATAT	ACATCTTAAC	GATTATTATT
602301	ACAITGCCGT	CACGTGATTG	TCGCTCATTC	TCTCGTTTGA	TCAAGCTCTT
602351	CTTTGTAAAC	CTTTATATAC	CTCTGCTACT	CTCCTCTCAT	TATCTTCTCC
602401	TCCTACTTCT	CATTTTATTA	CTTTCTCCAC	TCTTCTATGT	TCFACTCATA
602451	TATTTCCCTAA	TTCCCTXXXX	XXXXXXXXXX	XXXXXCGGGG	CGAAGAGAAT
602501	AATAAGTATA	AAAGTTAAAG	AAGATAGACT	TAGTCGAAAA	AAAGGAGCGA
602551	GAAACAATAA	GGAAAAAGGA	TAAGAGAGAG	GATATAGAGT	GAGAGAAGCC
602601	ACTAAAGCTA	AAGATAGAGA	GAAGGATACA	TGAAACAAAT	AGAATTTGGA

602651	AGAAAAAGAG	AGAAAGAAGA	TAGACAGAAA	AAATAAAAAGT	AGGAATATGG
602701	TAAAAAAGCA	TAGTACAAGC	AGAAATTGAC	ATATAAAACA	TGAAAAAGAG
602751	AGATATAGAA	GAGATAAAAA	GAGTGGTAGT	TAAGAGAGGG	TTGAAGGAAC
602801	GGCCTCTCCC	TCTCCCTCTC	TCCTCACTCAT	ACACACACAC	ACACACACAC
602851	ACACACACAC	ACCTTTGCTT	CCTGACTCTG	AGCCCCCTCCC	ACCTGTACCTG
602901	AAAGACTATG	CTGGCTTCTA	TTCTCCTACCT	GGCTGCTCCT	TCACCATCGT
602951	TCCCTTGATC	CTGCTCTTGC	CAAGGTCACCT	GTTGACCTCT	ACCCTAAAGT
603001	CCTTGTCCTA	CTGGGATGAT	TGGCAGTGTT	CCTTTATAAT	TAATTAATTA
603051	ATTAATTAAC	TAATTAATAT	TTGCTTACTT	ATATAGGTAT	ATGCTTGTAT
603101	GTGGCTATGC	ATACCTATAT	AGGGCAGCAG	GTTTCCTCTT	CTGTCTCTCT
603151	TCACTTACTC	CTTTGAGACG	GGTCTTTCCC	TAAACTTGGG	GCTCACATTT
603201	TTTTTACCTT	AGTCTGGAAG	GTAGCAAGCT	CTAATGGTCC	TTGTGGGTCC
603251	ACTTGGCTTA	GAGCTGAGGT	TCTAGGCATT	TGCAGGGATA	ATCAGCCTTT
603301	TGTGTGTGTC	CTGGGGTCCA	AACTCCGGTC	CTTATGATTA	TGGAGTGATC
603351	ACTCGACCAC	TGAGCACCTC	GAAGTCCCTGA	CCAGGAGCAT	TCATGAAACC
603401	CCCTCTTCCG	TTGCCTGTGC	ATAACACACC	CTGTCCTTAGT	TACTCTTCTA
603451	TTGTTGTGAC	AGAAAAACAT	GGCTGAGGCA	TCTTCTAAAT	AAGGCATTTA
603501	GTTGGGCTTA	CCATTACAGG	GATGTAGGTT	TACTCCGTGA	GGATGGTAAA
603551	GGCATGACAG	TTCAGACAGC	TTAGAGTTTG	TATGTTGATC	CGCAAGTAGA
603601	CAGAAATGAGA	CACCTCGGAAT	GCCAAAAGTC	TTTTGAATCC	TCAAAGCCCA
603651	CCCCAGTGA	TACACCTCCT	CTAATAAGGC	CATACCTTCT	AATCCCTCCT
603701	AAAAAGTTTC	ATCAATTGGG	GACCAAGTAT	TCAAATATAT	GAGCCTGTGG
603751	GTGCCATTC	CACCTCAAACC	AACACTTAAC	CTCTCCACTT	CTCCTTATGT
603801	CACATCACAT	CTTGTTGACT	CTAGGAAAAA	AATATGTGTG	TGTGTATAAA
603851	TATATATATA	TATATATATA	TTATATATAT	ATTATCACAT	ATATTATCAT
603901	ATATATAGTA	TATCATATAT	GTAATAAATT	ATATACACAC	ATATATACAC
603951	ACACACATAT	ACATAAACAC	ACACATATAT	GTGTATATAT	ATTCCAGTTT
604001	GGACTCATTC	TTTTTACTCT	TTGTCCATAC	AATCTTATCC	ACTTATCCAC
604051	TTCCATGGCT	TTATATATCT	TCCGTACAT	CAGATTTCTT	TTGTGTCTAG
604101	CCAGTATCGA	TTGATCCTCT	GACCTTCAGG	CCTATCTTGA	TATATCCTTT
604151	TGATGACATA	CAAGTATCTT	GAACCTGAGA	GATCCCTCAC	TCCCTTAGCA
604201	AGTCCCACCT	CAGCATATAC	TTACCACTTC	TGATGCTTTC	ATCCATCAGT
604251	CTTCTCACCA	GAATCCTCAC	ATTACATCC	CTCCCGCCAA	TCCTGTTCAT
604301	CCAACCTCCA	GATGGTTCTC	CTAATTGGTC	TGATTCTTTT	TATTTCACTC
604351	TGCCACTATA	CCCCAGGCTT	CTGTCACTCT	TTGATGATGT	CTTGATGCCA
604401	TGTGACCCTC	TAGGTTGACT	CTACTGGGAT	GTCTGTCTGT	TCTTCTGTAA
604451	ACTCTCAAAG	GATAAGGACT	GTAGTTGTTT	AGCTAGCTGG	TTACTTGGTG
604501	CCTTGAGCAG	CATTTGGCCA	TGTTAGGAGC	TTGTTATTTA	TTTATAGAAT
604551	AAATAAGCAG	AATGGTTTCA	GTTATGTAAA	AATTATGTGT	GAGAACTGGA
604601	AGGAAGTGGG	GAATAATTAA	ACAGCTGACG	AAAATGGGAG	TTAGAAAAAC
604651	CAGTGATGAA	GGAATTGAGA	GTAAGAGACA	CACATATAAG	AAATGTATAG
604701	TTATGCACCA	GCGTGTGTGA	TGGAGAGAGT	ATCATGGGAT	AAAGAATTCA
604751	ATATGACCGA	GAGTGCAGGC	CCCTGAGAAG	ATAAACTAGC	AAGGACAGTT
604801	TGGAGTTTAT	TCCCATACTC	CTGTGAACTT	GTGGTGGTAC	ATGCCTGTTA
604851	ACCCAGCTCC	TCAGAAGGCT	GAGGCAGGGG	GATCACAAAT	AGAAGCCAGC
604901	TGGGATGCGT	ATGTAGACCG	GTTGTAAAGT	GCTTGCCTAG	CGTGTACCAG
604951	GCCTTGGGTC	CAGTCCACAG	TGTCACAGAT	AGGTAAAAAA	TGTCTCATAT
605001	AGATGCTTAG	ACTTCAGGCC	AGGTGAACCT	GGTCTGAAGG	AACCTGCTTC
605051	CCACAGCTTT	ATTCTATGGA	CTGAAAACAC	ATTTTTTTAAA	AAAAATATTCT
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605151	AGGGAAGGCA	TAGGTGGCCA	TATAGGAGGT	CTGAGCAGAG	ATCAGGAGGA
605201	TGAGAATGGA	GACCCCCCAG	GTGGTCCAGG	CCGCTGGTCT	CCATCACAGG
605251	TGAAAGGGCT	ACCTGGTCCG	CCACTCAGCT	TCCCACCTTT	AACCCATCTG
605301	CCGCCTGAAG	TCAGTTGATC	TGCTAGCATT	TAACCCTTTA	ACTTCCCTTC
605351	TCAATGAGAG	AGCTGCCTTG	ATTCTTTAGA	TATTTCTTGT	GGAGAAATGT
605401	GCTTTAGGAG	TTTGGGACTT	CAAGTCTTGC	TTTTTGGTCC	TCCTACATAT
605451	GCACTGTATG	CCTCTGCGCA	TGCACAGACA	CTCAGAAAAC	CCTCTTCTCT
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605551	AGCAGATTGA	GCTATTATCT	GGTAGCATTC	ATAGGAAGGA	ATAAAGAGGT
605601	GGCAAGGGTA	CCTTAACACC	CAAAAGATCA	AGGAACAGCC	TCTTAAATAA
605651	ACCATGGAAT	AGAGTCATGC	AAATGAAAAT	ACAATCCTGT	GTTTGCATGG
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605751	TTTGCTGTTT	CAGTAAGATA	CATCATCCCC	TCAACCTCTC	TTGGATAAAT
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605851	ATAAATCAGG	AGGCATTTGC	CTTATTAGAT	ATTTAAAGTA	GTAAAAACCT
605901	AGTGACCATG	GGATAGAAGT	AGATTCCAAA	TATATTACAC	GTATTATATG
605951	GTAATACATTT	GCAAAACAGGA	CACCTGTGGTG	GTTTGAATGG	GAATGGCCCT
606001	CATACACTCC	TGTGTTTGAA	CACCTGGCCA	TAGGGAGTGT	GGCCTTGTTA
606051	GAGGAAGTGT	GTCAC'TGTGG	AGACAGGCTT	CAAGGTAGTA	TGTATGCTCA
606101	AGCTATGCCC	AGTGGGGCAG	ACAGTCTCCT	GCTGCTGCCT	GTGCATCAAG
606151	AAGTAGAACT	CTCAGCTCCT	TCTCCAGCAC	CATGTCTGCC	TGCATGCTGG
606201	CATGCTTCTT	GCTATGACAG	TAATGGACTA	AACCTCTGAA	CCTGTAAGTC
606251	AGCCCCCAGT	TAAATGTTTT	TCTTTATAAG	AATTACCATG	GTCATGGTGT
606301	CTCTTTACAA	ACCAAGACCA	AACAAAACAA	AACAAAAACC	TAAGACAGAT
606351	ATCTTGAGGG	ATGGGGAGAT	GGCTCAGAAG	TTAAGAGTGC	TCGTTGCTCT
606401	TCCAGGGGAT	CCTGGT'TTGG	TTCCCAGAAC	ACACTTGGCA	GCTCATTAACC
606451	ATTTGTAGCT	CCGGTTAGGG	TTAGGGTTAG	GGTTAGGGTT	AGGGTTAGGG
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606551	AGGCACATAT	AGATACATAT	ACATATATGC	AAGAAATACA	TTTATACAAA
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606651	TCAGTGGGGA	AAGGAAAGGG	TTTTTTTGT	GTTTAGGAAA	TGGTGATGAT
606701	ATAGCTAATT	AGCCATCTGG	ATAAAAAATA	AATTGGACTT	TTATCCCA
606751	CTATAGATAC	ACAAATAAAT	TCCAGATGGG	TTAAAAATGT	TAAGTTTAAA
606801	AAACAAAACA	GTAAGGAGGA	TGGAACATAT	TAATTTCTTGT	CTGTAAGCTA
606851	GAGTTTAGGA	CGCATTTAAT	AGTCAAAACA	AGAACACTGA	TATCTGCTTA
606901	CATAAAGAGA	TGCTGTATCA	GGCTAAGAGA	TTAGACAAAC	AAAAGTCAAA
606951	ACGAACGGTA	GATTATGAGA	AAGTGTGTCA	GAAATATGAC	AGATAAGGAT
607001	TAATATCTAC	GTGGTGCAGA	GAGCTCTTCA	AAATTGATAA	GAAAAATACA
607051	CAGCAGAAAT	GTGGTCAAAA	ACTTGGGAATA	TGCGTTTCAC	AGAAGAACAA
607101	ATCAAACACC	CAGTAAAACC	CATCTGTGTT	TTAATACCAG	CTCCCTAGAG
607151	AAACTCTCCT	TCCCATGGCA	GGTTGTCTTA	CTTAGGGTTT	CTATTTCCCTG
607201	TGAAGAGACA	CCATGACCAT	GACAAC'TCTT	GTAAGGAAAA	CAGTTCATTG
607251	GGGCTGGCTT	ACAGTTTCAG	AGGTTTAGTC	CGTTATCCTT	ATGGCAACGA
607301	GCAGGAAGAG	ACAGTGAACC	ACGTTTGGCC	TGGCTTGAGC	TTCTAAGACT
607351	TCAAAGCCAA	CCTCCTAGTA	AATCACCTCC	TCTGACAAGG	CCACACCTCC
607401	TCTGACAAGG	CCACACCTCC	TAATCGTGCC	ACACCCTCTG	AGCCTATGGG
607451	GCCATTTTCA	TTCAAAGTAG	CACACAGGTC	TACAGGTGAT	TCCCATTAAG
607501	GCTTTAGGAG	GGATACCGAC	GGTACAAACC	AACCGTGTGA	TATGTGTCTT
607551	CCTCCCTACA	CAGACCACAG	TGACCATTGT	GGGAAGCATC	TCCGCAAGAC
607601	ACTCGGAGTG	CGTGGTGAAG	AACGCAGACA	CGGGCAAGCT	GCTCTGCCAG
607651	GGGAGAAGCC	AAC'TGAAC'TG	GACCTGTGCC	TGCAATATCC	CCAGCAGACC
607701	CAGCTATAGT	ATGTGGATTG	CTCTGGGCAA	TCATTATACA	GTCAAGAACA
607751	AGAGCCTCTC	CTGAGTTTCA	TTACTGGGGG	TTGGGGTAGT	TCCCTTCCTG
607801	TCTCTTTACC	TCTGGTTCTC	ACCCAAGTCT	TCACTACATA	CTACCCCAT
607851	CTCCTGAGTC	TACTCCAGCC	CCTCACTTTC	TGATGTGACT	GGGGAGAGAT
607901	AGGGAAGGAG	ACAT'TGGCTA	AGAGAGCTTA	GTAATACTAA	TGTAATATTA
607951	CTAGGTACCT	ATAACCATAA	AGGCACCTTT	ATGTCTTAGG	ATTTTATTGC
608001	TTTGAAAGAGA	CACCATGACC	ATGACAACTC	TTAGAAGAAA	AACACTTAGT
608051	TGGGGCTGGG	TTAAGTTTCA	GAGGTTTCAGT	CCGTTGTTGT	CATGGCAGGA
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608151	CATCTGGATC	CACAGGCAGC	AGGAAGAGAC	AGTGAGCCAC	TCTAGGCCAG
608201	GCTAGAGTTT	ATGAGACTTC	CCAGCCCCAA	CCAGGGAGAC	ACTTTCCTCA
608251	ACAAAGCCAC	ACCTACTCCA	ACAAGGCTAC	AGCTCTCAAT	AGTAGTGCCA
608301	TCCCTATGAG	CCTATGGGAT	CATTTTCATT	CAAAC'TACAA	CACCTGGGGT
608351	GGATCTCTTT	TTGGGTGATA	TCAGTCCTGC	AAGAAGGAGG	GGAGATAAGC
608401	CAGAGAAAAG	AGAGAAAGGA	ATGCAACCAG	AGACCAGCTT	GTGTACTAGA
608451	CAGAAGAAGA	GAAAGGGGCT	TAAACTGGGG	AACTAAAAAA	AGGCTCTCTA
608501	TGAGTGGAGC	AAGCGGGATA	GGGGCAGGGA	GGACCAGACA	GCAGGGGAGC
608551	TAGGGGACAA	TAGAAGACCA	TGTGAAACGT	GGGCTCCATC	CTGGGACGTC
608601	TCAGCTACAA	GTAGCACAGT	CAGATTTCATT	AGCAGGAAGA	GACAATTGTG
608651	GATGATCTAT	CCCTGGAGAA	GATAAGCCCC	ATGGGGCAGG	AACCTTGAAA
608701	AGTTTGT'TGC	TGTGCATAGC	ATTGTATCTA	GCCCAGTATG	TCAGTGGATT
608751	TTTAGGGAGT	AGATGGACAG	GTGAATGGTA	ATGAATGGAG	AGGAAAGTAA
608801	ACAAC'TGAAA	TTCTTGGTTC	CTAAAGAGTG	GCTAATAGAA	AAGCCATCGA

608851	GGTGGTCCAG	ACAAGAGAGA	CTAAGAGAAG	GTACTCGAGG	CGAATGGATG
608901	CAAAGTGGAC	ATCTAGGGAT	GTCCAGGAGG	CTCAAAAGAG	GATTCATGAG
608951	TCTGCTAAGA	TGGAAAAGAC	TGGGGAGAGT	TAAGGTGATG	CTGGGCGCCT
609001	CCTAGAATGT	TATCACACTG	GAGCTGTTTG	AGTTGCTTGT	GAGCAGCAAA
609051	GTTACTATTG	GATAATGTAT	AGCATGGTAA	AATTTATTGC	TTATAGTTCC
609101	AGAGGCAGGG	GATCCTAGAT	GAGGGCATCA	GACAAITCAG	TGTATGGTGA
609151	AGGCTTTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCACTCAC	TCTCTCTCTC
609201	TCTCTCTCTC	TTTCTGTCTC	TCTCTGTCTC	TCTCTCTCTC	TGTCTCTCTC
609251	TGTCTCTCTC	TCTCTCTGTG	TCTCTCTCTG	TCTCTCTGTG	TCTGTCTCTG
609301	TCTCTGTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTGCT
609351	TCAGAGATGA	TGCCCAATCC	TCCCTTATAA	GGACACCAAT	CCCATCCAATG
609401	AGGTGTTAAA	TCATGAGTCC	TCATGATTTA	ACTACTTCCT	GAAGGCTCCA
609451	CCTCATGATA	TTATCAAATC	GAGTGTGAG	TTCCCAAATA	AAAATGGTGA
609501	TATACCAAAC	AGCAAAGCTA	GAGTGCTCAG	TTGAGCCTTC	TTCCCTCAAG
609551	AGGGAAC TGG	ATACACAAAG	CCAGAGTCAC	AAGCTAAAAA	TGTCCCTTGA
609601	AATCACTGGA	TC TAGATACT	TTAAAACTGC	ATCAGTTTTT	TACTTTGTCA
609651	CCACTGTACT	GTCTTTTCAA	TGCACTTCTG	GTGAAATTGG	GTCATTAAAG
609701	ATGCAGATCT	TGCTCACGTA	TAAAATATCA	CTCTAAGTAT	CCAAGACAGA
609751	CTTAGAAAGC	TTGGCTGAAT	GCAACAAGCT	CAGGTATCTA	TTCTTTGTGC
609801	TCAGCTGTCT	AAAGCAATGG	ATGAAACTTA	GTTTGTGGGT	TCTCTATCTG
609851	TCTCTCTCTG	CCTCTCTGTG	TGTCTCTCTC	TGTCTCTGTG	TCTCTCTGTA
609901	TATGTAGCAA	ATCCTCCTGC	TTTAGCCTCC	TCAGTGTTAG	AACATATATA
609951	TGTGTACACA	CACACACACA	CACACACATT	TC TAGACATG	ATCCATCATG
610001	TCTACATTTCC	TGGCCTATTT	GGGCTGGTCT	TACCTCTCCT	GTCAAGTCTT
610051	GTTTTCCATA	TACTTTGAAA	CAGTGGAGAA	AGGTCACCTC	TCCCATACAC
610101	CTTCCTAGTC	TCTCTGCCAC	ACCTTTGGTT	TTCCAGAAGC	ACCTCTGTCT
610151	TGTACCTAAA	TTCTACATGG	AGTTCAACCT	CCGCACAACA	TGGTATCCCC
610201	TTGACTTCTG	TTTCTTCTTC	ACCTTGGCTA	TTTTACCTCC	TCTAGAAGCTG
610251	TAAGTGCTTC	CAGAGGAGAG	GCTGTGAATA	TTCATTTCCC	TGGGAAATTT
610301	CCAACATGTT	GTGCACGGTT	GGTGCTCAGT	AAAACCTGAC	TTCTTGGGCA
610351	CCCTCCCTGG	GCCCTTGTC	GTTCTATGGG	AATGCATTTT	CGCTGGGAGT
610401	CCCTCAGTAC	TAAATGGCCA	TGTGTGCGTT	CCACTAACAT	GCGTCAAGTG
610451	TCTGTGCAGA	TGCTCCTGCC	GAGAGGTCGT	GTCAGCCCCT	CAGACCTCCT
610501	TGCTTTTAAA	ACAAAAGATT	ATCATTTTAC	ATAAGCCCA	TTTGGTGGAG
610551	CAGAAATGCTG	GGTGGAATTC	CAGCCACACA	GAGAATCAAA	GGAGTTCCCT
610601	GTGCTGGAAG	AGAGGCATCT	CCACGCAAGG	ATCCTTAGAG	TTTGTGAACA
610651	GCGCACTAAT	ACAATGCCAG	GAAGGAACAT	AGGGACGATG	TCTACAAAGT
610701	CAGGCCAACT	TCTCACAATG	TCAAGACTCC	CATTTAACAA	GCCTCATGAA
610751	TTCTTACAAG	TAAGAAGATA	TTATTTCCCT	TGTATTAGTG	CTGGTCCCTG
610801	CTTAGACATA	ATAGGACCAC	AGTGATGTTG	CTGTGGACCA	CGGTACCCAA
610851	AGGATGGTCT	GTGTGCTCAT	TATGTTGGGA	GGGGCGTTAC	AATATTACAG
610901	TTCTGAGACC	AGCCTCAGGT	CTGCAGAGTC	ATGGTGGCTT	AGAATACAGC
610951	TCTGGTGTTG	ATATTTCCCT	AAAGCCTTTC	TGATTCTGAC	CAACAGCTGG
611001	GTTTGATTTT	CTGCTGCCTC	AGATCCAGCA	TTGGGGTTTA	AGGAGGTACC
611051	GAAAGCAGCA	TTTCTCTACT	GCTGACTTAG	CATAGGTTT	ACCCCTCCCC
611101	CCATTTTATT	CTATTGGAGT	TTTCCAACCA	ACAGATAAGG	TTTTTCAGAAG
611151	CAAACCAGAA	CACCTTCACT	TGACAGTAGG	TGACTCCAAG	GAGATCATTG
611201	GGCCTCACCC	CAGGGTACGG	CGTTCAGGGT	TTCTTAGGTA	AATATTTACT
611251	GAGTGTGGAT	GGCTCTGAAG	GTGCAGGGTT	TCTTTTCCGG	TGCTGGCATT
611301	CATATTCCAG	GCACTTCTTG	CTCGGTGACT	TGTTTTATTTC	TCATGCCTTG
611351	GCCAATTACA	AGCTGAGGTA	GTGATCCCAG	CGAGAGCATG	GGATCTAAAT
611401	GGGCTGTAAA	ATGGCTTTTC	CTGGTGATTA	TCTGTGGGAG	CCTTGGAGCT
611451	AGCATCAGGC	TCAGTCTGTT	TGGAGGCTTA	TGCTGTGCAC	TGCGGCTGCC
611501	TGACATGAAT	GGCCCATGGG	GAAGGAGCCA	CACACTGATT	GAAATGTTGG
611551	TGAACAGCTG	GCACACCCGT	GCCCTCTGTG	TAGAAAAGGC	AAGAAATATT
611601	CTTTCTTCCT	TTTGCATCTC	CAGCTATGCT	TGACTATGGC	GGGGACCCAC
611651	GATGAATGCC	TTTTCCCTTC	CCTTTCITTT	CCTCCAGATG	TCTTAGITGT
611701	CAATGCGACC	TTCTCCTTTC	CGTCTTGGAA	CTTATCAGAA	AGATTCAACT
611751	TCACCAACTG	TGCGTCATTA	AAAGAGTAAG	ATTGGCTTTG	ACTTTTAAAT
611801	GTTCCTCATG	CTTTTAAAT	TATTTGTFTT	GCTCCTCGAT	TTCTTAAAGA
611851	ACTCCTTTGC	GAAGTAGAAC	TTTCCAAAGT	GCCTTTTGGG	GCATGGCCTA
611901	ACGGGAGCTA	GGAGAGCCAC	GGCGGTAATA	AACCGTGCTC	ACTCGTTCAA

611951	GCCCTAACAA	GAAAACTGGA	GCAGCCTCAG	AGAGCATGCG	CCAAGGTGTC
612001	CC'TATCAACA	GGGAAAGGTA	TTTTCCCCAG	ACCTGGAGGA	TCCCTGAAGA
612051	AAGGATCAGT	AAGGAATACC	ACTAACTCCC	ATAATGCAAA	TGGCTCTGGG
612101	AGTTTGGACA	GAGCAGTAAG	ACTTGCGAAT	GAGGACAAGT	TGAAGTCTCC
612151	TTCACCAAAA	AGGCATATCC	A'TTTTGC'TT	CTCTCTGTGG	TGCTAGGGAA
612201	CTGGACTTGT	GGGCCTT'GAG	CATGCTAAGC	AAGTCTACCA	CTTAGTGACC
612251	CCAGCCC'TGT	GTCTTCCA'TT	TATTTACTAT	TGGCCCCAAT	TCAGCTATGG
612301	ACCCTTTGAA	T'TTGGACTAC	AGTCCCTCT	TGGCTCCTAA	AGCAGAGAAA
612351	AGGCAGAGGA	AATAGTCTCT	TCAGAGGCC	ATCCTCTGCA	GCTGGGACAG
612401	AGGACACTGG	TGGGCTGTAT	TACCAGAGGT	GTGTTATCCA	TTCTGGGATG
612451	TGATTGGACA	T'CAGCATAGG	AGAACAGCTT	CCAGCCTGGC	CCGGAAGTCA
612501	CTATAGGAAA	AAGTGAAGTC	AGATGGTGT	AAGTTACC'TT	TTCCAAAGAG
612551	GTGCATTGCA	AGGCCACAGA	GAGTCATTGC	TGTCTAAGAA	GCAGAGCGAA
612601	GTTAGGGAAG	AAAAATAGAA	CTCCAACCCA	GGTAAAAGGA	AGAGAGAATG
612651	AAGTAGAAAT	TAGGGGTGCA	AGGCAGTTT	AAAGATGTCT	TGCTGTAGAT
612701	CCCCTGCTCT	AGAGCCCAGG	TAGAAGGAAA	TGACATACCC	CAGGGTCCCA
612751	ATGCTAGGTA	TATACCAGAC	CTCAGAGCCA	GATCCACCAG	CCTAGAGAGC
612801	TCCTTTTCAG	GGAACCTCCT	GGGGAACAGG	CTTCTCCTCT	GATATGTAGT
612851	CTGTTTTCCTG	CCCTCAGGGA	ACTTCTTTCT	GTCTGTTAGG	ATCTCCGGAG
612901	CATATATGAA	CTCCAGGCCA	AGTGTACTCC	CTCTGTCCGG	TTTCTCATC
612951	ACCTCC'TGCT	AAGTTTCTT	GAGGCATCCC	TTGGACAGCT	TTGGACACCA
613001	GCCCCGATCT	T'TCTTCTATT	AATAATGTCT	CTCCCTGATC	TCCAATCAT'T
613051	CCTTATGCAT	GGAGGGCATT	CTCAGGCTCT	CCACAGTCAC	CCACGCACAA
613101	ATGCCTCCTT	TGATTCTCAG	GTCCAACCTCT	TCCT'TTGGT'T	GTAAAGCAAA
613151	CAGTGGTGCC	CCATCCTCTC	TGCCTGCCAG	GAAATGCT'TT	GTGTCTCACA
613201	CCGTGTTGTG	GGCAGCACAG	CTGCTCCAGA	CAGCGCGGGC	TCTGCTGATC
613251	CGTTGAGTGG	CAGCCGGGAG	AGAAAGATCT	CACTTTATGG	AGGCTTACCT
613301	GAGGGTAGGC	AAATAGCAAC	CAGGTT'CAGA	ATCGGATTCA	GTGGGTTCCT
613351	GTTATCAACA	GACCAGCGGG	TGACCCAGC	TTCAGGTCTC	CATGGCAACA
613401	CCTCTGTAAG	TGTGATGACA	ATCCATCAAC	TCACAGGGCT	TCCCAGAGAA
613451	ACACATAAAG	CCTTGCTCGC	TTCTCCAACC	TCAAAGGAAA	TCCTTCCTCC
613501	CTTTGTCCCC	CTAGCTAGTC	AAAGACTTTA	TTA'TTAATAG	TAGTATCATT
613551	CCTGTATGTT	CTCAACCTGT	AGCGCCACCG	AGGGAAGTTT	CTAGAATATG
613601	AATAAT'TCCC	TCAAAGTACA	GAAATTAAGT	TG'TTTATTTT	CCGTGTCACC
613651	AGATGCCCGG	CGTGTATCAG	AAQCGGCTGT	GCTTGGTGTA	AACGGGACAA
613701	GAAATGCATC	CACCCCTTCA	CCCCCTGCGA	ACCATCAGAC	TATGAGAGGA
613751	ATCAGGTAAA	GTGACATTTT	GAAATATGAC	AGAGATCTAT	CGGAAGCAAG
613801	TGCCTGCGTG	CGCACAGCCC	CACCCCT'TTC	TGTGTGTCAC	ACTCCCATGC
613851	TGAGGGGATG	TTCTCCAATG	CAGGAGCTCT	GTCAAGTTGC	TGTGGAGAAG
613901	TCGCCCAAGG	ACTCAGGAGG	AGGAAGAGTC	AAGGAGAGCA	AGAGAAACAG
613951	AACTGACGGG	GCTGTGCAGG	TCAGGCTCAA	CT'TTGGTGCT	GGTAATGGAA
614001	AGACAATCCC	CTTTTGATGG	CAATAACAAC	TCTTACTACT	TTGGGT'TTCT
614051	GGTGTAATAA	TCCCCATCTT	ATAACCTCAG	TCCCTCCTCC	CCCACACACA
614101	CTTTT'TTTTT	TTTAGTTTCAT	TTTTTAAACCA	AGTTTTCACAT	AATTGGCTCA
614151	ATACATCAAA	GGCTTTCACA	TTTACATAAG	AGAAATTAAA	ACTTTGTAAT
614201	TGTGAAAAAT	GATGCGGTTT	CAGTAGAAGT	GGAATTGTAA	AGGTGACTTT
614251	GTGGCTCACT	GGGGAAAAGTA	CAACGGACAG	CTGAGCTGAC	CTCAGTTCCA
614301	ACCAGATACT	CTGACTTCAC	TAATGACCAG	CAC'TGTGTGT	GTGGTTAGGG
614351	ATCTATGCAA	AATAAGCAAA	CTGACC'TTGC	TTATTTT'TTG	AT'TTGATTTA
614401	TGGAGTTGAT	TGACCCCATC	ATTAATAACA	TCAAGATAGA	ACAGCTGAAG
614451	AATATGTGCC	TCCCTCCCTT	GTCTCAAAAG	TGGCGGAGGT	TTTTTTCCCA
614501	TGAAAGTTTC	CTGGAAAAAT	CTCTTGCTTT	GTCTTCACAG	TTATAATTAC
614551	CACAGCCTAG	ATATCAGTCA	TATACAAAAA	GATGGTCTGA	GACCATGTGA
614601	ATATTTCCGC	ACAGGACACA	TGTAACCTCTG	TTTAGTTCCG	TACTGGCTCC
614651	CTCCAGTTGC	TAGAAGTTCA	TTAATTGTTT	ACATGTGGTA	ACACACACAC
614701	ACACACACAC	ACACACACAC	ACACACACAC	ACACACACAC	ACAGTGGACA
614751	GGTTCCCTCC	CTCATTTCTCT	TTCCGACTCTG	TCAAATTAAAG	ATCAGCACTG
614801	GAAGAAATTC	CAAGGGCCCA	GCTTTCTACT	CTCTGACCAG	GCTGGGGCTC
614851	TGATTTAGCC	ATTTGCTGCT	ACTTAAGGTC	AAGTGTCAAC	ACCAATAAGG
614901	AGCACATTTT	CAATCATTTAC	TGAAAAGTTG	ATAGTAACTT	TAGGTGAATT
614951	AAGTAACAGG	CTGAGGGCCT	GTGAACCCAA	ATGGATTATA	AAGTTAATTA
615001	AAGCATTAGT	GAACCTTGGT	GTGCCAATAT	CTCCGGCCTT	TGAGTCTCTG



615051	AGACTTAAAT	AAGTGGTGGG	CTGCTCCTCT	GGTCTCCGTG	GTTTGTAAAA
615101	AATGAAGATG	CAGTGACAGG	AGCTTGGATG	GAGAAGTGAG	AAGCTTGGTG
615151	GTGGTGGCTT	TCAGTTTGGG	TAAACTGCAG	GGACCATGAG	ATTTACCATC
615201	TTCACTATTT	TTAGTGTGCA	CTTCCGTAAT	GTAAGTATTC	CTTCACCCCTG
615251	CATGTACAGC	CAGTCACCTG	AATACTTTTC	ATCGTGCCAG	ACTGAAACTC
615301	AATACTCAT	TAGTAACTCC	TCCCCCGCCG	CCGGCCCCCG	CCTCATCCCA
615351	CCCCGGCCCC	GCCCTCACCC	TGCCCCCAGA	CTCTTGTAAG	CCCCATTTCT
615401	ATTCTAAGCC	CTATTCTATC	TTCACCTTGT	GTGAGGGGTT	TGCCTCTTGT
615451	GACAGGCTTA	CTTTATCATT	GTGCCCTCCA	GGCTCACTGT	GTTGTGGCAC
615501	GGATTAGACT	TTCTTTCCCT	TTGAAGGCTG	AATAATATTC	CAGCATATGT
615551	ATAGAACACA	TTTTATTTAT	ACATTTCCCC	AACCACAGGC	TCTCAGTTTG
615601	CTTTCACCAT	TTAGGCATTA	GGACAAGCCC	AGTTAGAAAC	ACCGGCATAC
615651	AACTGACTCT	TAGAGCCACC	CTGTTTAGTT	CTTTTGCTCA	ACACCACAGA
615701	GTTAAGACTC	CTGGATCACA	CTGTAATTCT	TTTTACTAAG	TGCCACCATC
615751	CTGTCTTGCA	CGGTACTCTG	TCTAGCCAAG	GGTTCTACTA	ACAGGGTTCA
615801	AGGGTTTCTG	TCTCTCGAAT	TCTCACGGAC	CTTTTCCTGT	TTTGTTTGGT
615851	TTGGTCTGGT	CACTACTGTA	CTCACAGATG	TGAGCAGCAG	CCTCACTGAC
615901	TTTGGTTGTC	TGCTCCATGC	GCTTTCTGAC	TCCTTTTCAI	TTGCTTGTTC
615951	ACTGGCTGAA	GTCTCTGCT	AAACTCCTTC	CCATTGACTT	GACTGGTTAA
616001	CTTGTTTTCT	TCCTTTGGGG	ACAAGAAGTA	TATTCTAGGG	ATTAGCCAGA
616051	TACAACATTT	GAAAGTATTC	CTGTCCTATT	CTGTTATCTT	TCAACATTTG
616101	TGAGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGAGAGAG	AGAGAGAGAG
616151	AGAGAGAGAG	AGAGAGAGGG	AGAGAGAGAG	AGAGAGAGTA	TGAGAGAGTA
616201	TGTGTGTATG	TCTGATGTGT	ACATGTGTGT	TTAAATATGT	ATGTGTGTGT
616251	ATATATATAT	ATATATCTGT	ATATGTATAA	ATATATATAT	GTGTGTGTGT
616301	GTGTGTGTGT	GCATGATCAT	ATGTGTGTGT	TGCAACATCC	CAAACCCACA
616351	GCCTCACACA	CACCAGACAA	GTACTCTACA	TTAAGTTATA	TCCCTGAAC
616401	AGTCATGTTT	TTTGATACAT	AGAACCTTTA	ATTTCACTGA	AGTCCAATTT
616451	GCCTATTTT	TTTTCTTGT	TTTTCTTGTG	CTTTGGGGGG	CAGGCTCAGG
616501	AGATGACTAC	TAAACCCTAA	TGTTGTGAAG	CCTTTCAAAC	TTCCATTTTC
616551	CTCTTTGAGT	TTTAACTCAT	CTGTGCACAC	CTTGCCCACT	GGAGTCCGTT
616601	TTTGTAGATA	GAGTAAAGTG	AGGTTACAGCA	GCCCTTCTTC	TGCACATGGA
616651	TTTCCAGCAC	CATTCCCTGA	ACACTCTCTC	CCTGGGTCAG	TGGTTATAGC
616701	ATCCTCACTG	AGAACCCCAT	GGGCTTGCA	GCAAGTCTTT	ATTCCTGAGG
616751	TTCTCTCCCT	TCCCAGTGCT	CTGAGCACCC	GTCTTCACAT	GAGTACATATA
616801	CCATCTATGT	TTATACTGGT	TTTTTTTTTTA	AGTCTGTTTT	TGGAACCAGT
616851	ATCTTCCAAG	TTCTCTCTTG	TCTTCGATTG	TTTCATAAGA	AAACAACACG
616901	TAAAATTTTC	ACTCTGTTTT	CCTCTGATAG	TACCACCTAT	AGCTGAAGAT
616951	TAGCCCTGCT	AATGATGTCA	AAGGTCAAGG	TATAGGATGC	TCATTACCAC
617001	AGGCCACCCC	AGGCTGCCAT	TTTATAGCTC	CATCTACTGT	CTCTGCCCC
617051	CACCAGCCCT	GGAGCCCCAC	ACCATAACA	TGTTCTCCAT	TTCTATAGTC
617101	TGGTCGCTTC	TAAAATTTTA	TGTAAATAGA	ATCGTCTGGA	TGTCCTTTT
617151	GGGAGATTAG	TTTTTTTAT	TAAATTTGTT	TTTATGGATA	TATAAAAACA
617201	GAAATTATAC	ATATTAATGG	GGTACCATGT	GATGCAATTG	GATGGAAATT
617251	CAGCCGAGTT	CTTGTATAGC	AGTCTGGGCA	GTGCTTTATA	AATATCTTAA
617301	AGAGAAGGGT	GACATAGTCA	TAGCACCTG	ACTTCTTGTA	CTTCTAAAC
617351	TGTGATACTG	TGGTTTAAAA	AGTAGCGTCA	CCAAGAAAGA	AAGGTAGGTC
617401	TCAAAAGAAG	CCAAGTTTGT	CCTTCAACAC	TTCTCTACAG	ATTGCCCTTC
617451	TATGTTTGGG	GAAAGGCATG	TTGCTGAGAC	TGAAACATTA	ACTTTACGTA
617501	CGTGTGACTC	AGAGCAGAAT	CTCAAGTTTG	GTTGGTAGGG	AATGGTATGC
617551	CACCTGGCAC	AGGAGAGATT	TCCTGTGCTC	TCTCTGTGAA	AGGCCACTGT
617601	CTTTCAATTA	CACATGAACA	TGAAACTTTC	TGGTTTGCAC	GGTTGGTTCT
617651	CACGTCAAGT	TTGTGTAGTA	GACCCAACAG	TTGAGGCAGA	GAAGCCACCA
617701	AGAGCTTTTC	TTGAATTCAT	CTGCCCACAT	CACCTCAGCA	CCAAATGCTT
617751	CCTGTGTGCT	GGGCACCATC	TGAGGCTCAG	AGATGCTGAG	CTAGAGTCAG
617801	TGCTTCCCTAC	AGGAAGCGCT	GAGCATCTG	CTATATGATG	TCTATGCTGAA
617851	CTCCATGGAT	ACTGCACGCA	ATATACAAAT	GAGTTAATCC	TCTCTCAGGA
617901	CATCAGCCCT	GAGACTCTTT	TCCATGAGAA	CACCCATAGC	AGTACAAGAT
617951	TTATATAATA	CGTATATGTA	TGTATAAGCA	GAACCTGAAA	GTACAAAAAC
618001	TCAAAGCCCT	GCTATGCACA	GAGTCTTAGC	TCTTAGTTTT	TCTTGTTTAT
618051	TTAAGCCAG	TACCTGATGG	TTAAGCACAA	TCAGTGTGGT	TGGTTAAGTC
618101	TTTGATGGAT	GCAATTGATG	AAAGGACTTT	TCAGCTTACC	TTAGAGGGAC

618151	AAGAAATACC	TAGGCTCAAC	AAGACAGAGG	AGTGAATATT	CTTCATGAAG
618201	CAACTGCCAT	AAATAAGTGT	AGTCATGGCC	GGAAAATCCA	GGAGACCTCA
618251	GTAGTTCAGT	T'TGTCTTGGC	AGCAGAGGCA	GGGGACAAAT	GATAGCATAG
618301	AAGGGTGAAC	AAGCTGGAGC	CTGTGTGTGC	TGGGATGTAT	ACCTT'TGGGG
618351	ATTTTTGTCT	TGCTTCTTCA	G'TGGCAATGC	AAAGCTT'TTC	ACTACATCTA
618401	T'TTTAGTATC	AA'TTTGATCA	TC'TGAGAATG	TGGTGCTCAA	AAGGGAGGAC
618451	TCCTGGT'TCA	ATCCCAGGAC	AGTCGGCT'TC	ACATTCTCAT	GATCCT'AAGA
618501	CTTACTTGAT	CCAGGATACT	GTGGTGGT'TT	GAATATGCTT	GGCCCATGGG
618551	AAGTGGCACT	ACCTTGTTAG	AGTAGGTGTG	GCCTT'GTTGG	GAGAAGTGTG
618601	TCACTGTGTA	GGCGGACTTT	GAGGGCTTCT	AGTGCTCAAG	CCCCAACCAG
618651	TGTGGAAGAG	ACAGTCT'CCT	CCTGCTTGAC	TTCAGAT'CAG	GATGTAGAAC
618701	TCTCAGCCCC	CTT'TCCAGCA	CCATGTCTGC	CTGGACACTG	CCATACTTCC
618751	CACCATGATG	ATAATGAAC	GAACCT'CTAA	AAGTGTAAGC	CAGCCCCCTT
618801	T'CATTGTGT	CCTTTATAAA	AGTTGCCTTG	GTCATGGTGT	CTCCT'CACAG
618851	CAATGGAAAC	CCTAAGACAG	ATACCCTGAT	CCAGGAACAC	CAGCCCTAAT
618901	TTGTCAGGAG	ACTGAAGCAA	AGAAAAGCAT	AGGCCCAGTA	AAGAAGCCCC
618951	AGATTTTCATC	TGGCCTAGAA	CGAGGGCAGC	CATCTGCTGT	AAGACCAATC
619001	TTGATCTCTG	CTTTCCTGAA	GCCATGAGAC	GGCAAGTTCT	GTCATCTGAC
619051	TGGGTGACCA	TCTTTCCTTT	CATTCCCTAA	CCGTC'TT'CA	TCTGGTGCCC
619101	TTACCCAATG	AGGGAAGCTG	TAGCTGCCCT	CCTGCCCA	GGGAAGGCTG
619151	TAATGATATG	TGGTGAATTG	TAGATGTTGT	CTGGTTATGG	T'TT'TT'GT'TT'
619201	TGTTGGTTGG	CTGGT'TAGGT	T'TTTTTTGT	TGTTGT'TGTT	GTTGATTTTG
619251	GT'TTGGGGGG	GTATTTGTTT	TGTTTTT'GTT	TTATTCAAGA	CAGTGTCTCA
619301	TTATG'TAGCT	CTGGCTGTCA	CTGTGTAGAC	TAGGAAC'TCA	ATATGTAAGT
619351	AAAGTGGCCT	CAGACTCAGA	GAT'CCAAC'TG	CT'TCTGCCTC	CAGAGTGC'TG
619401	GGACTAAAGA	GATGAACCAC	CATGCTTGGC	CTCTTTGGCC	ATACTCATAA
619451	TTCCTCGCAA	TATGTTTATC	ACTATAGGGA	GGAAATCAAC	CATGTCAAGC
619501	TATGTCTCTG	CTTCCC'TCCA	TGACTT'TTCA	ATGTGTGCTT	TAAT'TTCTCA
619551	TATAGACAGT	ACCAAATGGA	CCCTTTCAAG	AACCTTGCCT	TCAGAAGGAA
619601	AATTAAATTT	AACACAGACT	TTTGT'TGGTT	TGTTTATGAG	TAGCTTCTAT
619651	GGGCCTAGCA	CTGT'TCTGCA	TTGAGTTCAT	TCACAGGATA	T'TTGT'TGAGC
619701	AGCAATTGTG	TGTGTGTTGG	GCAGGCACAA	TACAGACCCA	CATGGAGTTT
619751	GCACTGTCAA	ACTTAGAATG	T'TTTGGAATG	AGGAAGTGAG	ATTCTTCGTT
619801	ATAAAAAGAG	TCAAACACTC	ATAACGGGAA	TAGAAGCCAA	AAAGAA'TGTC
619851	AGCGTGGACT	GAGT'TGACTA	GTGGCAGCTA	ATCTTTATCA	GACCCTTGCC
619901	ATATCCTGAA	CTCAGTGTCT	GTTAATCTAA	GCTTCACAAT	GCCACATTTT
619951	ACAGGCATGG	AAGT'TTTACC	TCAAAAACCA	AATGTAGATA	AGAAATTTGA
620001	ACCCAGGTAT	CTGGATAGAG	AATTTT'CAGT	TTTAACTACC	ACCCTACCTT
620051	AAATGACCTA	AACTGAATAA	GTGTTAAGCC	ACATAATATT	A'TTGCTAATA
620101	CCCTCTCTGG	AAGGGAGGAA	ACTCTTAAAG	ATAATGCAGG	CTTTCTCTCAG
620151	GATTAGACTA	TAACAGTCTG	TCCCATCTGT	GCGTCAGGCA	GACGGGAGCT
620201	TATTCTCATG	GGAGACGGGG	AGGGAGAGGG	CCATCTCAGG	GTGAGGGCTA
620251	TGAGAAAGAA	TGAGCCCCAG	GATGGGCCAG	GATGGCCAAA	ACAAGAGTGA
620301	GTCAACAAAA	ATCCAGTGT	CAAAC'TGAGT	CTTGGGAGAA	GGTGTGTTAG
620351	AAGCAGGGTT	AAGAACTATG	TTCTCTGGTC	TCAGCATCCT	GATCCT'TCAG
620401	GCCTGATCTG	AGGGGCTACA	TTCAGGATGA	ATGGCCAAGA	GTAAG'TTAGG
620451	GGGTAGCCTT	GGCAGCTCCA	CCATGGGTTG	TGTCAGCCTC	ATCTTAGAGT
620501	TAGTCCCCAG	GTCACAGAAG	CAAGTCT'TAA	TC'TCTCAGAA	GAGAGCATGG
620551	ATCTCT'GAAA	GTTTCCCACC	TAAGTCCTGA	GGCCCTGATG	ACCTT'TGGCA
620601	GTTCCCAGTT	CCC'TGTTCCA	TCCCAAGTTC	TC'TTTTGCTG	TACTGGGACT
620651	CCTATGAAGG	GC'TATCTCCT	TAGGGGACTG	AGCATCAAAT	ACATCGTGAG
620701	GTGTTCA'TTG	AACTCTCCCA	T'TATCTTTTG	ATGGGAT'TGT	ATTCTGCTCT
620751	TTTCTTTTCCA	TATCACATTC	CCTTTTACAC	TTTCCCGTCT	CCACGGCTGG
620801	TCACCACACC	GCTCACTTTG	TACATATGAT	TAATATATTA	CATCTGTCTT
620851	CTTCTCGGCC	AT'TAATGAAG	ATGTTAAATA	ATTCTAAGCC	AAATACTCAC
620901	CCCCGTGGGG	CCCCACAGGA	CACTTTTCGTT	TAATTAGTTG	TATTACCTTT
620951	CATCTCTCTC	ATGTCC'TTTG	ACTTCAGATG	TCCTGCTGAT	TTTGAAGCCA
621001	TGTGACTTTT	CATCCTGTCC	TGTTTGAAC	AAT'TTCA'TGA	GTGAAAATCT
621051	GAGAGATGTT	TTACCAAGTG	TTGAC'TTGGG	TCCAGACCTA	CAGAGACCTT
621101	CACATA'TGTT	TGAT'TTTT'TT	TCCCTTAACA	GAT'TAATAGA	GATATAGTTTG
621151	TTCTTAAATA	ACTGAGCCTT	CTTAATGGAC	CTCT'TTCCAA	TAGTCT'TTTT
621201	TCTAAAAAATG	T'CATGGCAAT	TTGAGTTATG	T'TGGTGT'CAG	ACGTCACGCA

621251	AGGTGAGCCG	TAGT'TAGGA'T	TTCTATTGCT	GCAATACAAT	ACTAAAGTGA
621301	CTAAAAGCAA	GCTGAGGAAG	AAAGGGCTTA	TTTGGCCTAC	ACTTCCAGGA
621351	CACTGTTAGT	CAT'TGAAGGA	AGTCAGGACA	GTAAC'TCAAG	CAGGGCACTC
621401	CACTACCTGG	CGGCAAAAGC	TGATGCAGAG	GGCATGAAGG	GGTGCTGC'TT
621451	ACTGGCTTGC	T'CCTCATGGC	TTGCTCAACC	TGCT'TTCT'TA	CAGATGCCAG
621501	GACCACCAGC	CCAGGGAT'TG	CATGACCCAC	CATGGGCTGG	GTGCT'CCCC
621551	ATCAATCGC'T	AGTTAAGAAA	ACGCTCTACA	GCTGGATCTT	ATTTAGGCAG
621601	TTTCTAAA'T	GAGGT'TCCCT	CCTGTCAGGT	AATTC'TAGCG	TGTGTCAAGT
621651	TGACATAAGA	CCAGCAAGTA	CAAGTTGCTT	GTGCCT'TCAG	AGTTGATCCT
621701	CTCAGACGT'T	TTCAAGGAGA	ACTGTTACAG	GTGGTTATAC	ACTTTCCAAT
621751	ATCTTATAAC	GGCTTAGT'I'I'	T'TTGAAAAAA	AGAAAAGAAA	AGAAAAATAA
621801	ACAGGCATCC	TGCAAACTGC	CTGAT'TAAGT	ACTTTCCAAT	ATGCTATCCT
621851	AATACAAACA	AATGAGAAAC	ACCCCCCCCC	TCTCTCTCTC	TCTCTCTCTT
621901	TCTGTCT'TTA	AACAAAATAG	T'TAAAATTTA	CCATCACTTA	AAAATAACCC
621951	CTGTCTCTAA	AGTGGAACTC	CCAGGAAGTG	GACAG'TTCAG	AGGTTAATGG
622001	GTAGAAGGTG	TTGGGGCCAGG	ATGGTTACAG	TCAGTGATGT	CTAGATTTGA
622051	TGCAGGGGAA	CCT'TGGATAT	GGAAAGAAGG	AAGACCCTCA	CTATAGGGGT
622101	GAGGAGGCCT	GGCTGTATCC	AGCCCAGTTA	TGGTTTTTAG	C'TTGAAGGGT
622151	TGGCTACATC	ATGTCAGGT'T	GTAATTAAC	T'TTAAATTA	AGTATCAAAT
622201	AACATCTAAA	GTATGGAGGG	CAGAAAACAT	TATGGGAAAG	ATTGTTCTCT
622251	GGTCCTTTGT	AT'TCATTTTA	TTTTTTAAAA	AGTTAACAAA	TATTAACAGAA
622301	AAAAAACCTT	TTAATGAATC	CTCATATCCA	TGACGTACAG	CTATGTAGCT
622351	G'TGCTATCCT	AAA'I'TG'ATA	TTTTTCACAGT	GGGGTCA'TGC	CACTGAT'TGC
622401	TCTTTAGCCT	CCTAACTCTG	AGATTAAAA	AAAAC'TCTCC	TGGAAAATAA
622451	AAGAGCTGAT	GCGACCCTCT	T'TGGAAGCAA	ACTGCAGGCA	CCTACT'I'CCA
622501	TAAGAAGCCA	GGCCTAGACT	CGGTCTCTCA	TGGGCAATGT	AAACTCCTCT
622551	AAACAATAAG	ATTGTCAAAC	GAAATGCTTT	TGAGGTTGCA	AGGCTCAAGG
622601	GGAAATAGGA	AGTTAAAAGG	ATATCAGCCT	CCGATGGTGT	TTCTAGAGCC
622651	CTTAAAAGAG	CAAAATGCAC	CTACCT'TTGA	AACAACAAC	TTTTTCTTTA
622701	CTAGTTACAA	GGCTCTCTTA	TCTTGTACTA	TGAACAAGAA	GTAGCATGTT
622751	CAAAAGCATG	CTATCCTGTT	T'ACTATGGC	AGACAAC'TAC	AGTATAAGTA
622801	CAAGAAGCAC	CGAGAAAAAG	ACTTGGCTTC	AGAGGACAAA	TAATGGACAG
622851	T'TTACAATAG	CGGAGAGGTA	TGACCAGGGA	GCATCGCTCA	CGGGCTAGCA
622901	TACGGGATG	AGCACAGAAG	TTACAGGCC	TGAATTCCGA	TCCCCATAAC
622951	CTAGGGAAAG	CCAAACACAG	GAAAAGCCAA	GGGCAATAGC	ATGTATCTGT
623001	AACTCTAGCA	TTCCTAAGGT	GAGATGGGAG	GCAATGCAAC	T'TGTACTGGC
623051	TGGTCTTATG	TCAACTTGGC	ATATGCTAGA	ATTATCTGAT	GGAGAGAACC
623101	TCAATTTAGT	CCCATGAGTA	TGTGAAGCAT	CAAACAAGG'I	GTAAGGTAAG
623151	GACCAATACC	CTAGGCAG'I'I'	TTCTGACCTC	TAACATACAC	ATACACACAA
623201	ACA'TATATAT	ATACACACAT	AAACATATAT	ATA'TACACAC	ACATACACAC
623251	CACACACAC	ACATATATAT	ATATACACAA	ACATACACAC	ATATACACAC
623301	AACATACACA	CATATACACA	CAAACATACA	CACATATACA	CACAAACATA
623351	TACACACAAA	CATACACACA	TATACACACA	AATATATACA	TACAAACACA
623401	CACATATATA	CACACACAAA	CATACACACA	TATACATACA	CAACATATAC
623451	ATACAGACAA	CATACAAGCG	TGAG'TGCACA	AGTTTAAAAA	AAAT'I'IAAC
623501	ACACACATAT	CTTGCT'TCTC	TAATAAGACA	GTGTGCT'CTC	TTGTAGAGCA
623551	GGGGATACAG	ATTTT'TCTCT	ACAACAGTGG	TTCTAAATCT	TCC'TAGTGCC
623601	GTGGCCCTTT	AA'TATGTTCC	TTATGTGGTG	G'TGACACTCA	AACATAAAAT
623651	TATTTCCATT	GCTACCACAT	AACTGTAATT	TGCT'GCTG'I'G	ATGAATTGTA
623701	ATGTAAATAG	TTGTGTTTTC	TGAGGGTCTT	AAGCGACCTC	TGTGAAAGGG
623751	TCCTTTGTCC	TCCAATGGGG	TTGTGACCCA	CAGGTTCAGG	ACTTCCATAC
623801	TGCAAGAAGC	CTGGCAGTGT	G'I'T'I'I'GAGGC	TGTGCCAGCT	ACACAGTCTC
623851	TGTTGTAATT	AGCTAGAGAT	AATACACATA	CTTCTGGATA	ATGACATGTG
623901	ACATGTGCTG	T'TATATGTTT	GAAAT'TCTAT	TCTCCTTTTG	ACAT'TTTT'TT
623951	CCATAGGACA	TCCAAAAACA	GCAGACAGGA	TTTGACCC'I'G	GGTCTGAAGT
624001	T'I'CC'TAGCCC	TTGATCTGCC	CCCCACCACA	TACCATGCCT	ACCTTTACCT
624051	AGCAGCTGCT	GGTCTAGTGA	TCAGTAAGTA	C'TTGATCACT	TGGCTGTCAC
624101	CTACAAAGCT	AAACAGCAAG	TCT'TCTTATA	ACACACACTT	GACAT'TTGCA
624151	AGGGATTTAT	CTTGAAGTCC	TTGCTAATCC	CCAT'CCCAAG	TACCACTCTA
624201	GGAGATAATT	CCAACACCAC	TCCCATATAA	ATGCAGTCAA	GTATAACAGA
624251	ATAATTAAAG	TGACCC'TTTC	AGGCACGTAG	TGGTTCAA'I'A	AATAAATACA
624301	GGGCTAACGT	TCT'TT'TTAAG	GTGATTAAAA	TAAAGTCCAC	CACAGGAATC

624351	AA'TTCCCTGA	TGCATTACAT	CATCACACCAG	ATGACA'TTAA	TAATGGAT'TT
624401	A'PCAGAATCT	GCAAAAATCAA	TCCACGGTGA	TAATGAGTAG	TGGCTGCTCT
624451	GCCAAATAGC	CCCTGGG'TTT	GTCAGGAGAG	CAGGGTGAGA	GGTTGCTCCT
624501	ACCAGGCGGA	TGGTCAGCGT	GGCAGCCGAC	CACATTCTGT	CACCCGGACC
624551	AGCAGGAGAT	GGGCAGGCGC	GAGACATCAC	AGAAGCTGGA	CCAGTGACTC
624601	AGTGTCTCTC	TGATAGACGT	CATCCAACAA	GCAGCTGATC	TCTACATTTG
624651	TGCT'TTGGCC	CAGTGTGGCA	TGATGAGGCT	TCTCTGAACT	CTTAGGCCAC
624701	TTTCAAATGG	GAAGAGTGTG	ACTGTGGAGT	CTCTGTATGT	TAAGACCTGC
624751	CATGCTTTAT	GTCAGCCAGA	GTCTTGGAAAT	GGAGAGAATC	TACAAAAGAA
624801	CC'TCCATGAT	CAGAATGGAC	GATGGTAGCA	CTTGGGGAAG	AGGTGCACAA
624851	GGCACCTGGG	TTGT'TTTTGT	C'TTGCAAGGG	GGGAAACGAG	AGCCCGAAGG
624901	GATGGCTCAG	TGGTTAAGAA	TAATTCTCGC	TCTTGCAGAG	GATCCAGTCC
624951	AAGT'TCAAAT	CTCTGCACTA	ATGTCAGATG	TGTCACAACA	GCCTGTCAAT
625001	TTAATTCCGG	ACAACACCTT	CCTCTGGCCC	CTGAAGCAGC	TGCTCACACA
625051	TGCATCTAAA	T'IAAAATAAA	CCTTTAGAAG	AGAAGGGAGA	TGATTCCCTGC
625101	CTCCTCTAGG	ATTTGTAGGG	GAAACTGA'IT	AGATC'TTGCA	AATAGAGGAG
625151	AAGCTCAGAG	AGATGGCCTG	AGTGCTAGGG	AAGTTAGGTA	GCATGTA'ACT
625201	CCACAGGACT	CAGT'TTTTGAT	TATAGCCCAG	AGAAAGCGAG	AGACTGGGTC
625251	ACAGAGGT'IA	CACGAATGT'I	CACAATGCCT	AACTTTTCCA	TACGGGAGTG
625301	GCTCAACATT	CTTAAGACAC	CCTGTCTCTC	GCATTGAAAC	AAACAAACAA
625351	AAAATATGGA	CTCCTTCCTA	GAGAATTA'AA	TTCCTCTGTA	TTGACACTTG
625401	TATTGACGGA	ACAATGAGTC	CGTGTGAGCC	TCCGCTGGGG	AGACCACTTC
625451	CC'TTCCCT'I'IC	CCTGGGCTTG	AGCAT'CA'TGG	GCCTCAGGAG	AGGGAAAGGC
625501	AGGGGGCTCT	T'ICTCAACTC	GAATGACAGC	TCACGCCTCA	GATGGAATAT
625551	CCGGGCTCTT	CAACTGTGTT	T'TCAACTGTC	TTGTGAGACA	AAGACTAATT
625601	GGTTTGACCC	CATGCTGTCA	CATGTTGAGA	GACACGAATC	TTCAGCCCTC
625651	TTCCTTGAA'I	TCATTGATTT	CATTAAATGC	TGTCTGCTTG	TGTTTGCAAA
625701	ATGTAAT'TTC	CTAGT'GAGTT	C'TTCGAACCG	CAACACATCA	ACAGATTT'CG
625751	TGAAAGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG
625801	TGTGGACACA	TGTGCACACA	CGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
625851	AGAGAGAGAG	AGAGAGAGAG	AGAAACAGTG	CCATTT'TGTA	GCTTTGATCT
625901	GCTGTT'TTAA	TCTCTTATTT	CCAATAGGTC	TTCTACAT'IA	AGGCCATTGA
625951	GCCACAAAAA	ATATCAACCT	TAGGGAAAAG	CAATGTGATT	GTTACTGGAG
626001	CAAAC'TTCAC	CCAGGCGTCA	AATATC'ACCA	TGATCCTGCG	AGGAACCACT
626051	ACCTGCGAGA	GGGATGTGTA	AGTTGAAGCA	CTAACAACCG	ATCTT'TGGTA
626101	AAGTTAGAAA	CCTACGCTAA	AGCAGTGTTA	GTAGGCCTTG	GTGCTT'TCT'G
626151	TAGTCAAATG	GCA'I'ITAAAGT	ATTTTATACA	TCAAAATTAT	AGTAAGTAAA
626201	TTATAATAAG	TAAAATCTTT	AATGAT'TCAT	TTGACATTCA	GGTGGGAGAC
626251	TCTGGCCTGT	GTTACATCCT	CAGTCAAAAAC	CAGTTTCAGG	ATGTTGCCAG
626301	TGGGAGCCTT	GATTGGCTTT	TAAAGCAGAG	TCAAGTGTAT	GTAGAAAGGA
626351	ACTAACTTAG	AATATATAGAC	ATGAACTTTG	GAAACGGATG	GATGGAGAGC
626401	GTGCTACCTG	AAG'I'TGAAAA	GGAAAAATGG	AAGTAGAAAT	TTGTGTTCACT
626451	GTAGCTTTCT	TCTCTCGACT	GGCTGG'I'IT	TCATTTCAAA	TAATTAAT'T
626501	ACTAGGGCAT	ATAATAGTAG	TAAAAA'AAAA	CCCACCCCCA	AACAAATATC
626551	AGATGAAG'IA	CCCCTTAAAG	ATAATGATAC	CTGTGGTCTT	TTTTATCCTA
626601	GCAATGAAAA	ACATATCCAG	TGTTT'G'I'TCA	TTAATATTCT'	TAGGTGAATG
626651	ATAACACCTT	CCCAGGGGGG	ATAATACTAA	CATTATGTAA	TAATAACACC
626701	GTGACAGATA	ACT'I'TAGTTT	TCTGCTTGTT	GACTCT'I'ATA	AGT'TTGGGT'I
626751	AATTTGAAGT	TTAAAAGAAA	ATGT'TTCAGT	C'TATATGAAC	CATAATACTG
626801	AGCTAATTCT	CCTCATGGAA	ATGCATTTAA	GACAGTCTGC	TGAAGCGTGA
626851	TGTTT'TGGTT	TTT'TAACTAC	CAAAACAGAC	TTGTACAGTG	CTGTAATCTG
626901	CCATGCCTAT	TTAGTGAAC	TTCTGTTTTA	ATTCAGTGGC	TGCACATCGC
626951	TGCATCCAC	CTCCACTTAC	TGCAGTAAAT	CTGGGATACC	CATGATCTCG
627001	ATGGGGGAAA	GATACCCATC	AGTGGCTTTC	CTCTAT'ACCA	GAGTGAATCA
627051	ACACACATTA	AAGCCTGTAT	CTATGCAACC	TGGGTTGCTT	ATGTGCACCA
627101	TTTATCCTGG	CTAAATACCT	TATAGCAAAG	ATCTTTCATT	TTGTGTGGTG
627151	AAATCTGTGA	CGTTAGACAC	CTG'TGCGCTC	AATGAAGGGC	AATCAGCTTC
627201	GCTGCAAAAT	AAGT'CGTTTT	TGGAGCATTA	CCCTGT'I'TCT	GGCTCTTTAT
627251	GCTCTCATTT	CCATTCTGAA	TGTGTCT'TGA	GAAGCCACAG	TTATTAAATT
627301	AAATGACTAA	GAGCTCTTTC	TGCATGGAGC	ATTCTACTAA	CCACATCTGC
627351	ATGGTGAACC	CAGGT'ICACA	AGCAGGCAAC	GTAATAACGC	AGT'IAATCTT
627401	GTACCCGAAT	CCATGGTGAA	ATCCCAAACC	CTGTTCA'TGG	AAACTTTGTA

627451	AGTGAATGGC	TATTTTTTTTT	TTAAGAGAAA	AAGACAAGCC	TAGTAGCAGA
627501	ATGATCTATA	TCCCCACCCC	TCACCTTCCA	AAGTGTATAA	GCACATTTGT
627551	GTTTTAATGA	TITGAGCATG	GACTTCCTAG	AGCTTCTCTT	TAGAAGCCTT
627601	AAAGATATAC	ATCTGGGGCA	GGACACATGC	AAACAGACTC	CAGTACCTTT
627651	CAAATTCAC	TTCTTGTAAG	GTGTGGT'GAC	GGTAC'TAGGG	T'AAACAACCA
627701	CACACAGAAT	ATCCCTTCAG	TAGTAAAACC	AGACCCTTC'	GTAGCC'TCAT
627751	TAAGCTGAGC	AGGTGGCAAA	TACAACCTGA	TCTAAATGTG	TGCTT'TAGAC
627801	ACTCATAGAC	AT'TAGAGTCG	CTGATAGTTT	CAGAGGGGAT	GTCACAGACG
627851	GCT'TTGATTT	GATTGATGAG	GGCCATCAGG	AGTGTATAGG	ACAGTCCCAG
627901	CCAATCCCTG	GTC'TGGAAGT	CCCTGAGGGG	CACCAGCCTT	GTGTCC'T'ITG
627951	ATTCTAAGAC	GTCAGGGTTC	CTGAAGCAGG	TTCCCCTCTC	TTTGAAGGGG
628001	AGAATTCCCA	GGTCCGT'TTG	GGGGAGGGGG	GGGG'TCATAC	TTTCCCTGTGC
628051	TTGATTAAAA	CTGCTTCTTC	TTCTTCTTAA	AAAAAAGCTT	T'IAATTATGG
628101	AAATGACAGC	TCA'TATATAA	GAAAGATGCA	TATAAATAAG	TATAAATATA
628151	AACCTAAAA	TT'TGGACAT	TCTCCCAATT	TTATTTTCATC	TTTTTCTATT
628201	GCTTCTCCCC	CC'TTCATGCC	CCCCTCCCCC	ATGGAGGCGG	CAGGGGCAGA
628251	AGACATACAC	TGTGGCTGGA	GTGTCT'TCCA	ATCAAATCCT	GGTGCCACGT
628301	TGTTTTCGTGG	ACCCG'TCAA'	GTGTCTCTGA	CAGAGTAGTG	CCAATGTTAA
628351	CCTTAATTTTC	TTCATTTAGT	GTGATGCCCC	TCC'TTGCCCT	GGTCCATTAG
628401	GACCTCTGAG	GGCAAAGGAA	GCTGCTTCTT	CATTTTCCCC	TTCTAAGGGG
628451	GAATGCGGAT	CAGAGAGAGA	GACACACAGA	AGAAAGAGGA	ACCCAGCCT'
628501	AGAGAGCCAG	ACCCAACAGG	CGGCCCTTGA	CTAGTCCGCC	TCTCGAAACT
628551	G'TCT'IGACC	ATCT'TCGAGT	GCAATTCATG	GGTCGTCAAC	TTGAGCAATC
628601	AACTGTGCTA	AGTGTCTGTG	TCATGTAAGA	G'T'CCCTTTCA	TGACCCCTTT
628651	CTAGGATCCG	GGTTAGCCAT	GTGCTAAATG	ACACGCATAT	GAAATTCTCA
628701	CTTCCATCAA	GCCGCAAAGA	AATGAAAGAC	G'T'TGCATCC	AGTTTGACGG
628751	TGGGACCTGC	TCGTCTGCAG	GGGCTCTGTC	CTACAT'IGCT	CTGCCACATT
628801	G'T'CCCTGAT	AGT'TCCTGCC	ACCACCTGGA	TCAGGTACTG	TCTGGATCCA
628851	CAGAGGGCTT	CTCTTCTTCC	GGTGAAGGGT	GATGTACATA	AGATCATGGC
628901	GATGGTAGTT	GCACCTAAAT	TTTCCCTCTTG	GTGTTCCCTCC	TAGGAATTAT
628951	TTCTAGAAAA	CTGCT'CCTGT	CTGACCACAA	GGACTGTGAG	CATAGCCTGT
629001	TTTTATTTCA	CCATGGCTAC	TAGGAAACTC	ACAGCTCAAA	CGTTTTGTTC
629051	AACCACAATG	ACT'GTTCTTA	GCCCAGGTTG	CTGTGGCCTT	CTGTGTCAAC
629101	TGCCTTCCCC	ATTTCGTGATG	TAAGACTCCC	CACTCACAGG	TTTCACTTGC
629151	TAACCTTTAG	ACTCAGCTGC	TTTGAATGCT	TTGGGGGAAA	TTGGGTAGCC
629201	TGCGTGGAGC	CTCTACATTT	CAAAGGTCCT	GTTTGAGGGT	TAAAAAACTC
629251	CAAAATAAAC	TCT'TTGAGAT	GAATACAATA	TATTAATGGG	GAAAAATGTC
629301	TCTCTCTAGT	CAAA'PTTAAA	TTCACATTTA	GGTTCTGGTG	TATAACCCCA
629351	ACGAGATTTT	CTTCATCTCA	CACGAAGTTA	ACTTTTCACG	TACCTTTCGA
629401	GATAAAACCA	CAGACAAAGC	AATGAGGGAA	AATAAATTGG	AAGGAAAAAG
629451	AGACAAAACA	TCTCCTGTAT	TCTTAC'T'IGA	GATGACCTTG	GGAAGCAGCT
629501	GGGTTTGCTC	AACTGTGATA	ATAGAAGTCA	GACCGGACAG	CTTAGACAGC
629551	CGAAATGGGA	GTTCCCTCAG	TTGTATACGTC	TCCGAGGTGG	GAGGAAGTTT
629601	AGCCCCTTGC	AAGGCAGCGT	CTTGCAGAGT	TTTCAGGCAG	CTGTCTCTCC
629651	CCTGTCCCTC	CATCTAAGAC	TGTGCCCTAA	GCTTTTTTCAG	AATGCCATCA
629701	GTCACTCCAG	TGAATGCCCT	GAATTTCCAT	TACCTCTTTA	ATGACCTTAA
629751	TCTCAGGTAT	GGTTTAGTGG	TAAAAACTG	CCTAGCATTT	GCCTATTCCC
629801	CACCTCCACC	CCCAATCTCT	CTATCT'TCAG	CCTTCTTCTG	AGTCAGGGCT
629851	TCCCCATGCA	AACTTTGCAG	CCCATTGGAG	TGGCATAGGG	AAGACTGAGA
629901	TTTCAAAAGC	AAGGC'TCTTA	CCTGCAACCC	TCCGCTCTGA	GATTAAGTAT
629951	GCCCTATGTA	TAAGTAGTAA	CCCGGATGTG	GCACTCACCA	CATAGTCATG
630001	GTATAGCTGC	TGACCTGGTT	AAACCTTACA	AAAACCTCTGA	GAACCCAACG
630051	GTGGGTTGTG	CCTTTGGCAG	GGGTGAACCA	AGGCAAGGCT	GCAG'TTCAAG
630101	CAATATACGT	AGCTCCCTGA	GAGCTGGGCC	CAGGATGCGT	GGTTTCTACC
630151	ACAATACTCT	GCT'TCCTCCT	CATCAAATGG	CTGCCTGTCA	CCATGAT'TGT
630201	GCTGAGCCCC	TGAGTCTCAG	TGCTCCTCAT	CC'TTGAGCAA	GAAGGAGGAG
630251	GTGCCACCAT	CTGGAATCAG	GAGAAGATGT	TTGGGT'IGGT	TTTCT'TAAAA
630301	TTGAGGCAGA	TTGTCAAGTG	GCCATACAGT	GTC'TGGGGTG	GACCTGCCAC
630351	CCCAGAACAA	GTGTCTGGTG	ACCCATGAGA	ATAACCAGAG	CTGTAGGCAG
630401	CTGTTTCTTT	CACACTGGGT	GACCACTCCG	ATGTTATCTG	GTGACACCTT
630451	GAGACTAGGT	GAAATCACTG	TTTGGTTTTG	GTGAGAT'I'IG	TGTACCTTCC
630501	CCGTACACTG	AAATCCCCATA	TCTTAAACAA	GAATACAAAC	TTCTAAGGTC

630551	ACTCGCCATT	TTAGCTTGTC	CACCTATCGT	GTGTTCCCTG	TTTCCCTCTA
630601	AATAAATAAA	CTATAAATAA	AAATATAATTG	GTGGGTTAGA	GGGTTTGGTC
630651	GTGGAAATTG	TGAGAGCGGG	TCATCTTCTC	ATAGATTAAA	CTGTAATCAA
630701	ATGAGATTIT	TGTCCCGTGA	AAATGCTTCCA	AGGTACAGCA	GATGATCTGG
630751	TTATGTGTGG	CGAAAGACCA	CAAGAAAGCT	CCGATTCTAT	TAAAGAATTT
630801	GGGCACTTTC	CCAGAACTGA	AACGGGGCTG	ACCTGTATTT	TTTTATATGT
630851	ATGTCTTAGA	AACCATGAGT	CTGCAGCCAG	TACCATTTAA	AGACTTCTAA
630901	AATTATCAAC	GTCTTTTAAA	TTGAAATTGG	TTCCCTGTCT	CCCAAATATG
630951	ACCGAGCTTA	ACATTAATTG	TGAATCAGTT	AATAGTTTAG	TTTGAAATCG
631001	TGAACGCCGG	TGGCTCACCC	TTGCCCTTCG	ATCCCTTGCA	GCGGTGGGCA
631051	AAACATAACC	ATCATGGGCA	GAAATTTTGA	CGTCATCGAC	AACCTCATCA
631101	TTTCACACGA	GCTGAAGGGA	AACGCCAAATG	TGAACATAAA	TGTAAGTTAT
631151	ACTAAACTGG	GGGGGGGGGG	GGCTGGAGGA	AGGGTATGTT	TCATTTCTAC
631201	GACTTCGGCA	TTATAAACTT	TTGCTTTCAT	GTGATCTATA	CTGTCTCTGC
631251	TGTGACGGAA	AGATCTCATT	CTTGAGATT	TTTGGGGTG	CCGCATAGAG
631301	GAACCAGAAA	AGAAATTCAT	GTGTTAAGAC	CTGCCACGTT	CTCCTCGTGC
631351	GACGCATGTA	GCACGTTGCT	TTAATCAGAT	AACACTTCTG	AATAGGTGTG
631401	AAAGTCGTTG	TGGATGGTTG	GGGTGCTATG	TACAGAGCCT	GTGACAAGTA
631451	TGTGGTCCAA	CAGCACCAAG	GGAGGTCCGG	GACCTGCTGA	AGTAACATTC
631501	CTTCTCTTGT	CATGTCTCT	TGGTCTCTGT	GCCACTGTCT	TCCGCCCTTC
631551	CCCCACTATG	CTTCCCCATC	CCGAACTGT	GGGAATTTGTC	TGGTCCCCCT
631601	AAGGGTTTAG	TTCTCTGAGA	AGAGCCTTGA	CGTTCTCACA	GGAACCTTCA
631651	GGGTGAAGCC	ATGGGTGTCT	GTGAGGAGGG	GCTAGGTACA	CTGTTGCTTA
631701	TATAGGTGCT	TCTTGAATGT	TCTTCCGTTT	CCTTCCTCCT	TTTCTCTAGT
631751	GTAAAGGGAA	CAGCCATTCT	GGGCCTCAAC	CTGACCACTT	CCTGCCAAAG
631801	CCAGCAGTGC	TGAGGGTGGC	CAAACACTTT	GTCTTACTTG	CAACCAGTAG
631851	GTGTTACAGC	CTGGAACGCA	GTGTAGCGAT	CCATCTTTCT	TACGGCCTTG
631901	TCCTAGACAC	ATGCCCATCC	ACTTCTGGCA	CACTTCCTGG	CCAGTTCCCA
631951	GCCTCACACT	GAGTCTGATT	CTGGCCATT	TCCCGTGATG	GAAGCCTGTT
632001	CAGTTGTGTA	GTGGCCCTTG	GCCTGAGGGA	CAGCCTGAGC	CAGGAGACCT
632051	GGAAACACGG	TCTCTTTCCC	AGAACATGTC	CCATTTATTG	AGCACCTACT
632101	ATATGCAAAA	CCATTTTTTT	TTCTGGCTGC	AAGAACAAAG	AGTAAATGAG
632151	CTTCTGCCCC	CACAACACCC	AACDCCACCT	TCATGAAGGG	AGATGGCAGA
632201	CCTGCACTGG	CATTGGACAC	TGGCAGCATC	GTGAGTGACA	AGTGCCGGGT
632251	CCTCCCGCTC	CTTCCATCTC	TCATGAGTCC	AAGAAGCCAT	GATGTGTTTC
632301	CCAGGGAAAAG	CATGAGTGGG	TAGGGCTGAG	ACTAAGCTAA	TGGAGTTCAG
632351	TGGAAGAGAC	TAGACAGCA	AGCAGGTAAG	GAAGCAGGGA	GTTGATTGCA
632401	GAGCACAGAA	GAGGGTATTC	ACCTATTCTA	GACCTATTCT	AGACTAAAAC
632451	ACCACTCACG	TTTGCTTTGT	TGGAACCTTA	GAGGCTGGGT	TGGGATGGGT
632501	GATAGAGATG	GCTGAATACC	ATACAGGGCC	ACGCAAGGGA	GAATCATCCC
632551	CCAATACGGC	TCTACATTTT	CGAGACAGCT	CCCCATCACC	CCCTGCTCTG
632601	TAGGCAATGG	GGGCAGGAAG	GTCTTGGGGG	TCTTTGGCAA	GGAGTGGCAT
632651	GAGGTCATT	TTATCCACGG	TGCCTAAGGT	AGTTTGGAGA	GGATAGTTAA
632701	TGAGGATGCT	TCAGGCATGG	CTGGGACAGG	TCTAAGTGTG	ACTGAGACAC
632751	CACCAGATAG	ATGCCTGTGG	AGCTCTCTGC	TGGAATGCCA	TCTGCAGGGT
632801	AGGTCTAGAG	GGCTGGTGAT	GGTGAGGCTA	GCCATTTTCA	CATCCCTGTG
632851	GATGGAGATG	GGGGTGGGGG	GTGGCTGTGT	AGAAGAGAAA	GCACCAAGGA
632901	TGAAGAAAGC	ATGTCTAGAA	TCTGCTCGAA	GCTTTTCTTC	AGGGGTGAGG
632951	GTGGGAGAGT	CAAAGAAAAT	AGAATGACCA	GAGACGGTCA	CCGGAAGCT
633001	GTCTTTAAAA	TAAGGGTTGC	TCCCCACACA	AACAGGCTCA	GTCTTAGGGG
633051	TAAGGAGCGA	GGGAGACCCT	GTTGCTGGTT	TTTCTTTTAG	GACGTTGGTG
633101	TTAAGGAAGT	AGGTATTGTG	GTCCAGTGGG	TTTTACCCCT	ATCGCAGAAG
633151	TGCTAAGGCA	GGAATTTTCA	AATGTGTTCA	GGATAAAGAA	TGGTGTCTTT
633201	ACTCCAATGT	GGCCACCTAG	ATCCTCTGTC	CACCCATCCT	TAGCTCCAAG
633251	GTTACAGAAA	ACAAAGAGAG	GGAAATGCTG	TCCCAGTTTG	CTTGAGTATT
633301	AATCCCTTCT	CCCTCCAGT	CTCTCTCCCT	TCCTCTTTAT	CTTACAATGT
633351	TAAGGACCGA	ACCCAGGGCC	GTGAGCATAC	TAGGGAAGCC	CTCTGCCACT
633401	GAGCCCCAGC	CCCGGCACAC	CCTCCCTTAA	GTATCTGCCA	ACCTGTCTTT
633451	ACATTGTCTG	CAAGGTTTCC	CTGCCTGTCT	CGCTGCGCCC	TTGAACAATG
633501	CCGTGTAGTT	ATGGGTTTTC	TTTGTAATAA	AACCTGTTC	CAAAATGGGT
633551	CAGGCTTTCT	GCCTCCGTCC	CGTTTGCACA	CCCCTCATGT	CTTAGGGGAC
633601	CTGTTGCTGT	TCTTAAGCTT	GTCATTTTCT	GCTCTTTACT	GTGTGCTG

633651	AAAAGCTGCT	TCCTCTTGCG	GTGGTTAGGG	ACTTCTCAGA	GGGAACCTCT
633701	GCCGTAGCTT	CCCCAACTTA	GGGACTCTCT	TGCTAACCTT	CTGCAGAGGC
633751	TCTTTTGACA	CACAGTGACT	CAACCAGGTA	CCAAGTTAGA	AGCTGGCCTC
633801	AGCTCTCAAC	TCCCTTCCTA	AAGTTTCCGG	GACTCAGCCA	TGCAGACTTG
633851	AAAGGTACCT	GAGAGCTTTG	AGCCAAGCCT	TCCCTTTTCC	CAGCCTGCCT
633901	CTCTTTGCAG	AGCCACCCTG	TGCTCCCAT	GCCATCACCC	GACAGGTCTT
633951	CTGAATGCCA	GTGTGTGTCAG	TGATGCTCTG	CATAGAGGAT	GCTCGCATGT
634001	GCAGAATACT	TCCTGTGTGC	CCGTCAGACC	CTAAGTACTT	TACAGATATA
634051	ATCTCATTCA	CAGTGGCCAA	CATTTAATTG	AATGAATTTT	TTTTTTTTAA
634101	TCTCTGCTCA	TTTCATTTAG	GGTTAATTCA	ATCCTATGAG	ATCCATAGTG
634151	TTGCTGGCCT	GGTTTATAG	ACGGGAAGAA	CAGGCGTTCC	GCAGAAGTTT
634201	GGTTGCCTGG	GTCACCTTAG	ATTTAGAGCT	GGGGTCCTCC	GGTACCTGAT
634251	AGGCTCTTTC	CTGTCTCCAG	TGCTCTGAAT	ACTGCGCAGC	AACTTTCTGC
634301	AGGTTCCTAG	CTCCTAATTT	AAAGAGCTCC	AAAGTACGTA	CAAACGTGGC
634351	CGTGAAGCTG	AGGGTCCAAG	ACACCTACTT	GGACTGTGGA	ACGCTGCAAT
634401	ACCTCGAGGA	CCCCAGATTT	ACAGGGTACC	GAGTGGAGTC	AGAGATTGAT
634451	ACAGAAATGG	AAGTAAAAAT	TCAAAAAGAA	AATGACAATT	TCAACATTTT
634501	CAAGGATGAC	ATTGATATTA	CTCTCTTCCA	TGGGGAAAAT	AAACAATTTA
634551	ATTCGAGTTT	TGAAAATATT	ACTAGAAACC	AGGATCTCAC	AACCATCTTT
634601	TGCAAGATCA	AGAGTATCAA	GAATGCAAAC	ACCATCGCTA	GCTCCTCTAA
634651	AAAAGTCCGC	GTAAGTCACC	TGATTGCCCC	GCCTGCTGTC	TTTATCTGAG
634701	TCTCCGTAAT	TGCCTTACTA	ACCCCCAGGT	TGGAGTGGAA	TCTCTCACAG
634751	ATCTTTAGAT	TCTTCTCTTT	AAATAGAAGA	AGATCGACAA	AGCTGATACT
634801	GCAAGCCCAA	GCATAAATCC	AACCAGAATA	GCAGGCAGAG	CCATGCCCTG
634851	GCTTGTTGGA	ACGGCAAAGC	ACCGAACACA	CCATTGTCTA	TAATCCTAAT
634901	GAGCCTTGAT	AGCTTTTGTG	CTAGCTGTGC	ATTTATACCA	TAGCATCTGC
634951	AAGCCACATC	TCCAGATCCA	CTGATGACTG	AGCTGTCACT	CTCTCTCTCT
635001	CTCTCTCTCT	GAACGCAGAG	GTGACATGTC	TAAGCAGAAA	CCCCAAAACAC
635051	CAGCCTCTTA	GGCACAAGCA	GGGCGGGCAG	CACAAGCCTC	TGTCGGCAGC
635101	CCAATAATCT	AGGGTTTGAG	AGTGGCGTCC	GCCAGCCTGG	CTGTCTTTTT
635151	CTGCAGCAGG	TCACCGTTTC	CTAGATGTGC	CCAAGGATCC	TCTGAGAAGA
635201	GAAACATACA	GGGTAGTGTT	TACTCTGTCC	AGCGTAAGCG	GCTCTGTAAA
635251	GTCTATTAAA	AAAAATAATA	ATACTCTGCG	AGTCAGGGGA	CGCGGCTCAG
635301	TGGTAGAGTG	CTTGCCTGTG	GTGCCCAAGG	CTCCAGGCTT	AATCTCCAGC
635351	ATTATAAGAA	AAAGAAGAGC	AACCATTTTC	TTTGTAGTAA	AAAAATAATTG
635401	GCTAAAAGAC	AAGAGAGAAC	ATTTGTACTG	GGAGGCAGAA	GTGAGAGTGT
635451	GCTTGAGTCC	CAGCTGTGGC	TCTAGGTAGG	ACATCTGGCT	TCCGCCCCCC
635501	CCCCCCCCGA	CCCTTTTCATT	GTTTATCATT	TTGGCAAGAG	AGGTAGTAAG
635551	TAGCCATCAC	GAAATGAGCA	ACCCCAGGAA	CCTGCTCGAG	GTGCTAGCTG
635601	GGTGTGGCAC	ATCCAGGCAT	CCTTCCATTT	GCTGCAAAGT	TCCCAAGCAC
635651	CCGCACATGG	ATTCAAACCC	GCCAGAGCAG	AAAGCAGGCA	GAAACAGCTG
635701	CCTTGCTGGA	GAGTCCCAGT	GAGGGCATGC	AGTGAGGAAT	AATCTTTAGG
635751	GAGGACTATA	CGAAGGGGGA	GGAGAAAGTA	GACTACCTAG	GGATGTCTTT
635801	GCACCTGATG	GTGGAAAAGT	TTGCCTGGAG	AGGCGACATT	GGAATCTGGG
635851	CCTCCGGGAG	GAGGAGAAGG	AAGAGAAGGA	GCCACGGACA	GACAGAGGGA
635901	AGCACAGGCT	CCGAGTGTCC	TGAGGCAGAA	ACCTGCCGGC	TAGGTCTGGC
635951	CTGAATGGGG	TGGGTCAGCA	TGGTTGGAGT	GAGGGGCCAT	TCCCAGGAGG
636001	TTAGAGAGTT	CATGGGGAGG	GCCAGAGATT	ATTAGGGCCT	TTAAGGCATT
636051	GCTAGAGGCC	TGTGCTTTTG	ATTCTAGGCA	GCTGCTAGAG	AGAGAATGAG
636101	AACAGAGATG	GTGTGAGCTG	CCGTCCTATA	GGAGAGAGAC	CGTTGGCCTT
636151	TACCTACCCA	TAGGCCCTTT	CAACATCCAT	GTGAGAGATG	ACAGAATGAG
636201	GCTGGGTGCA	GACTAACTTA	AGATCCTGCA	AGGAAAGAAA	AGCTGGACTA
636251	AGACCTGCCA	TCACCGCAAC	CATCTCGCTT	GGTGTCTCCA	TGGGGCTCAG
636301	GTTCATGGGG	CAGCTCAGGT	TCCAGGGAGC	CGCAGGTGCC	TTGGCACTTG
636351	TGTGTGTGAA	GATGAAGAAG	GGACAGATGT	AGCATTTTTC	TTGCTTTTCA
636401	AGTTTAATTG	CCAAGTTTTT	CTTAGCCCTT	GACCTTCAAC	CTCCCCCCTC
636451	TCCCCAAAAG	GCAGAAAACA	GAAACGACCT	TCAGGGATCA	TCTGGTGGTC
636501	AGCTTTGCCA	AACTAATTTT	CACCTGAGAA	AGTGACAGTC	AAAACCTTCC
636551	TGACTGGAAG	CATCAGTGTA	GGAGAAAGCG	AAGTGTAATT	GCACCTGTAG
636601	AGAACGGCTA	GGAGCCTTCT	GCCTCAGTGT	GAGCCCACCG	CTGCCTAGT
636651	AAGGTTTCAG	ACAAAGAGGG	CTAGTATTTA	AAACCCACAG	GTCTAGTCCG
636701	GCACACCTAG	AGATCCCACC	CGCCCCACCA	CGTCTACATC	TGGGGGAAGC



636751	TGACAGCGCG	CATGCGTATG	GTGCCTGGCG	CCACTGGGTC	TAACAGTACC
636801	AATCTGTCCC	ATCAGGTCAA	GCTGGGAAAC	CTGGAACCTCT	ATGTGGAACA
636851	GGAATCAGTT	CCTTCCACGT	GGTATTTTCT	AATCGCGCTT	CCAATCTTGC
636901	TGGCCATTGT	CATCGTTGGT	AAGTGGCCCC	TTCCATTTTG	CCCGAGACGT
636951	TAT'TCCCCAA	GGCTTCTCCG	TGGGCAGGTA	GACCTTCAGC	TTTTGGGAAC
637001	TCTCTGT'TTC	CATTAAATAT	TAATGGATGA	AAGGCCAAGC	CAGAGAGTTG
637051	AGAAGTGAA'T	AACAGGTGG'T	CTGTGGCTTC	TCT'AATGAGT	TTTTACGGTG
637101	C'TTCACTAAC	AAAGAGCGAG	ATTGCAAGAT	GGTCCCTTGA	TGTTTGAGAA
637151	GTATTGCGCA	GATACCCAC	GTCTTTGGGA	TTGTTTGGGA	AACAAGTCCA
637201	TTAAGGACTC	CCAGAACGTG	GTCATCCTAT	CTCATCCTTG	GCTTCTCCCC
637251	ACCCCTTGCC	CTGCTTTTCC	TGGGAAAGTC	AGGCT'TTGCA	CGTGTGTCTA
637301	TGTTATCTAT	TCCAACATGC	CCTGCTTCC'T	ATGGACATGG	AAGTACCATA
637351	CTGACT'ACCA	GTGGGCAAAT	CTGACCTATT	TCTTGGATCC	TACGGTACCG
637401	T'TTTGGTTTG	GTTTGT'TTT	AAGTGAAGAA	GTTGACATCT	AAAAATTAGG
637451	TAACTCACCC	TTTAAATTCTG	TGTTGAGGGG	GGCCAGAGAG	ATGACTCACC
637501	AGTGAAGAGA	TGCTCTTCCA	GAGGTCTTGA	GTTTCACTTCC	CAGCAGCCAG
637551	ATGGTTCCCC	ACA'CTGCGAG	TGAATCTGAT	T'TTCTCCTCT	GCTGTACATG
637601	AAGAGAGAGT	GCTCGTATAT	GTTAAATAAA	TACATCCTGT	AGTCTGTATG
637651	GACAGTGTGA	AAGGTCTAAA	CTCTAAGGTC	CCAGT'TTTAG	C'TTGCATTCG
637701	T'TGTTAGAGC	TTGGCAA'TTG	CTACTCCTTG	AAGACAGGGT	GTTTCGCCCTC
637751	TGGGTTTTCA	CCATAGTCTC	TCCATCCCCCT	AAGGTCTCCA	CCCACCTCTA
637801	TAGCTGGTGC	CTGCAGCTAT	T'TTATGTCCCT	T'TTCA'TTCTT	TTTCTTCTTTC
637851	TTCTTTATCA	ACAGCACACC	ATGTTTGTG	ATTAACTACA	ACATGGCCCC
637901	T'TTCTGACAC	TGTAGGGCAT	GGAGGCAAGG	GTCGGCATTG	CTGTGCTGTG
637951	TGTCTTCGCA	CCCCCTTCTT	ACTCTCGTTT	CCAAATCTGT	T'TTCTTGTG
638001	TCTTCGTTTG	TTTTTTTACT	GAGCAT'TGGA	TAAGATGTGG	GTGACTGGGT
638051	CTGTCCCTAC	TTTGAGAGTT	GACTTAAGGA	CTAGTGC'TTT	CTT'TGGGCAG
638101	TTGACACTCC	TGGGACGGGA	GATATACATT	TGTGAAGAAT	TGGCTCCATG
638151	AAATGAATTT	TCCTATGTTG	CCTCATCGGT	GATTAT'TTGG	GGTATTTTTT
638201	TATGCTTTCC	CCAAGTTGTC	TACCTCCGTC	ATATATCTAC	AATTTAAAAT
638251	TTGACTTGAC	ATTTTTCATAA	ATTCCTGGCT	GATATGGGCT	TCAAGAAGAT
638301	TGCTTGTATA	AATGCTGAGC	TCTGATTGTA	GTATCAACTG	CTGTCAGACG
638351	TGTTCAGATC	TCTCAGCCTC	GCCACATAGT	CATGTCCACT	T'TGTGACTCC
638401	CGAGAAACCT	CTGGTCTCTT	GTTAACTTTG	TAAGAAGTCA	TTTTTGCTCTT
638451	TAAGGTGAT'T	TGTTTGAAT	TGCAGGACCT	CTCAAAACCA	TCCCGTTGTG
638501	ACTCATTCCTA	GGGAGGCATG	TGTCACGGCA	GCTATGGTAA	ATGTGACCTA
638551	GTCTTTCACT	CATGTCTTAA	GTGTAAATGC	TAGATGCACC	TAGCCTGAGC
638601	CTGCCAACAA	CAGAGCCAGG	AAACCAACCC	TGCTGTGTGG	ATGCTGCAGC
638651	TCCCTTTACA	TTCTGAGTCA	GGGTAGCTTC	CTGGGGAGCC	ACTGCCCCAA
638701	ATGAAAAAAA	AGGGGT'TCTC	TGGTTGGGTG	AGTTTGAAAG	TCAGCTCTTG
638751	GAAATGCTCA	GTCCCGGTAA	TGTGAAGTAC	AGCTGAGATG	GTGAAAAAGT
638801	CTAGGATGA	CTTCTGTGTA	ATTGTCTTGA	ACAGTGT'TTG	TTTTCTCTCT
638851	GTGTCTATGT	CTCTGTCTGT	CTGTCTGTCT	GTCTGTCTGT	GTCTCTCTCT
638901	CTCTCTCTGT	GTGTGTGTGT	GTGGTGACAT	ACATAGGGGT	GCCCCAATAC
638951	CATAGGACTC	GTATAACAGA	GGAAAAATTT	GTCTGTGTGT	GTGTTGTGCC
639001	CGAATACCAC	TGCAGACATG	GAAGTGGCAG	AGGATAACTT	CATGTTGCTG
639051	CTCTTCACCT	TCCACCTTGT	TTGAGACAGT	GT'TCTTGTG	TGTACCTTGC
639101	ATACACTGGG	GTAGCTAGCC	TTAGGATTCC	TGGGGCATCT	CTTGTCTCCG
639151	CCTCCCATCT	TGCTGTGGGT	GTGTCTGGCT	TTACGTGGGT	CCCTCAGATC
639201	CTCCTATTTG	GATGGCAAAC	ACTTTTCCCC	CAACCCCTTT	TGTGTAGTAT
639251	CTGT'TAAAAG	TTGAGATCCT	TCTGGGATCA	TATGAGAGCT	GGCAATCGTT
639301	TGTTCCCTCGG	CTCGATGTGA	TTCCTTGATT	TACTGCCTGT	AATCTCTTCT
639351	ACATCACAGC	TCTTATGGAT	AAGGCAGGCA	GGCAGGCACA	GAGATGCTAA
639401	GGGAT'TTGCT	CAGGGTCACA	CAGGTAGTAA	ATGAAACGAC	AGAGCGGAGA
639451	TATAAACCCA	AGCTCCAGGA	TTCGTTGCAC	TGACTACTCA	AACAGCATGG
639501	TTCAGAGCAA	GGTGATGTGG	ACACAGAGGC	CACCAGCTAT	GGGGGCTCTC
639551	CATGACT'TGC	C'TGTTACATC	ACCCCTTCTT	AAACGGTGCA	AGTTAGGCTC
639601	CTGCTGCGAG	GAGGGATCTC	CAGCAAGGAC	ACATCTGTGT	T'TTCTTCCGG
639651	TAT'TT'GCAAC	GCTGT'TTCGT	TTCTCCAGAT	ATGATTAGAG	ATGTGGGGAA
639701	AAGAATGAAC	CA'TCCACAAA	TCCAGTGGCT	GGCTTCAGGG	AAAACTTGGG
639751	CCTGC'TTCTT	TACTTTCCAG	CCAGCTGGGA	CC'TT'TGGTTC	CAAGTGAAGG
639801	T'TAT'TTGAT'T	GTGT'TTTCAC	TTTAAGATGA	GTGGAATTTT	TTCCCCCTGT

639851	TACATTTAAC	ACCTTCCTCT	TTPAGAATGAC	CTTTAATGGG	GGAGCTGGAG
639901	AGATGGCTCA	GCAGTTAAGA	GCACTGACTG	CTCTTCTGAA	GGTCCTGAGT
639951	TCAAATCCCA	GCAACCACAT	GGTGGCTCAC	AACCATCTGT	AATGAGATCT
640001	GACTCCCTCT	TCTGGTGCAT	TTGAAGACAG	CTACAGTGTA	CTTATGTATA
640051	ATAATAACTA	AATCTTTTTT	TAAAAAATG	ACCTTTATGG	AAATGGCCCT
640101	TTAATAAGAA	TCCAGCTTTT	GTTTTTTTTT	CATTTTGTTT	TTTGTGGCAT
640151	TGAGGTTGGA	ACCCAATCTC	AATGGAACAT	GC'TAGGTCAG	TGCTCTGACA
640201	CCACACAGAC	CCCCCCCCCC	CATAAAGTTT	TTACATGCTC	TTTCTATATG
640251	ATAATTCTCC	CTCTATCTCT	CCTCCCTGTT	TCTCTCCCCC	CACCCCCACC
640301	CCCACCCCCA	TTTTTCATTTT	TGTGTTACTG	CACCAACCTG	ACCCAGAGTC
640351	TCTGTCCCTT	CAGTGGCTGT	GGTGGTGACG	AGGTACAAAT	CCAAGGAGCT
640401	CAGTCGAAAG	CAGAGCCAAC	AGCTGGAGCT	GCTGGAGAGC	GAACTCCGGA
640451	AGGAGATCCG	CGACGGTAGG	CTCTGAGACT	CCGCGTGCGC	GTAGCAAAAC
640501	AAGCCCTGCT	CAC'TTTTAT	TTAATTTTGT	CCCTTATGTG	GAAACTGCCA
640551	CATAATGAGA	ACTGATTGTG	TAGTAGAAGA	CAAGCTGAGC	AGCAGGGCCCT
640601	GGGCCTGGGC	CTGGCTTTGT	GTCTATTTTC	GGCTCTTCTC	TGCAGCCAAC
640651	CAAGTAATTA	TCTATTGTTT	CTTCTTTAAT	GAAAACCAAG	GTCACACTCT
640701	GTGTTAGACA	AAACAGCAGA	GGATCTTATC	CATTGTTTTG	AGAGTTAAAA
640751	TATTGCTCTT	GGGA'TCT'GT	GT'TGCAGGCT	TTGCCGAGCT	CCAGATGGAT
640801	AAGTTGGA'IG	TGGTTGATAG	CTTTGGAACA	GTACCCTTCC	TGACTACAA
640851	ACATTTTCGCT	CTGAGAACTT	TCTCCCTGA	GGTAAAAGAA	CCTAGTCAT
640901	CATCTTCAGG	CTGAGCCTTG	AATAATAATG	CGACATCT'IG	CCTTAAGTCC
640951	GGGCCGAGCA	GGGAAGAGGA	TAATTATTAA	TTGCATTGAT	TAGGGTAGAG
641001	GGCAGCAACA	GGCTACTGGC	AATTACTCTT	TCCCTGGTAA	GGAGTACAAG
641051	TTTAGAGTGA	TGGGTTT'IGC	CATATATATA	TATATATATA	TATTTTACTA
641101	CCAGCTTCAA	ACTGACTCCG	TAGCTGGGAA	GTGAGCTAAT	TCA'TTTTAA
641151	ATCAATAAAT	TGTGGGCTCG	CCAATTTGTT	GTGTTTATCT	GCCTGACTTG
641201	CACTGCTGCT	CCTAGATTAT	TCGCTATTAT	T'TCTCCAT'IG	GAAACGAAAG
641251	GCAGGATCAG	CCAAATGGGG	GAGAAATTGG	ACACGCAGGG	AATCTGAGTT
641301	GATGGCAGGC	AGTTTTAGCC	ACGTGAAGGG	T'TTATGGTCT	CTTCTTTGAC
641351	AGTTTTTCTG	T'TAGTAGATC	ACTTTGCTTG	TTCAATAGAT	ATAGGTG'TCT
641401	GGAATGAGAT	GTGAGTGGTT	CTAGCGCTTC	AAGTGTACAG	AGAGCCCTTT
641451	GGGTTGGGGT	GGGTCTCAAT	TCTGTTCTGA	CACCCCATTT	TCCTCACACA
641501	T'TCTTCAGTT	ACCTTCCCCC	CCACCCCCAC	CCCAAGCCTT	TGACAAGAAC
641551	ACTCACCCAT	TCTGTCTCAC	CACCGTATAC	CTCAGCTCTG	CTCAGCTGCT
641601	CTGCTGGTCT	CAGAGAGATG	CCCTCTGAAT	TAGAGCTCAT	TAGTCCCTCC
641651	CATATTCAGA	TCTGGGCCAG	TCAGCAAAGT	TAGAAATCTC	TTCAAACCTT
641701	GACTGT'TTTT	GGCCAGAAGC	CTAAGAACA'T	AGGCACATGT	GGTTGGCAAT
641751	T'TCTAGTGTC	TCTACAAGTC	T'TGCAATGGA	TATATATATA	TATATATACA
641801	TGTATATATA	TATTAATCAT	ATATATAAAT	ATATATTTAT	CATATACACA
641851	CACACATATA	ATACCTACAC	ACATGCACAC	ACATAGCACT	ATCGGGACAG
641901	CTAGACATTG	CCACAAGATA	CCTGCCATAT	ATGGGGATCC	AAGCATTGGT
641951	GTTATAAATC	AAGAAGGCTA	CAAATAAGAC	CAGTATTCTT	ACTTATCCTC
642001	CAAGAATACC	AGGCACCAAG	ACCTGCTGCC	TGCTGCCTCA	TCCATTTGCC
642051	GTA'CTTGGGG	GAAGGAGGGA	AATTCAAGTC	CCTGAGTCAC	GGTAATACTC
642101	AGGACCTCTG	AGAAGCTTGC	ATCTCGAGCC	CCAGTTTCCC	CGTTCTCTGA
642151	GATTCCCCAT	TAAGAATTTA	AAAGCAATAA	AGGAGATTTT	CAGCATCCAG
642201	ATGAGTACTG	TGTGGGCTTT	TACAGTTAAT	GATTGCCCTT	GAATGCTGAA
642251	TAGCATAATC	TGCGGCCTGA	AAAGGAAATT	CTCCTATCTT	CTAAAGTCAG
642301	CAGTCAAGGG	CAGGGCGGAC	TATGAGTGT	CAAGGAACAC	CATTGCGAGC
642351	CGAGTGCCTC	AAGATGAAAG	GAAGCCCCCA	GAATAGCGTG	GCATTATCTT
642401	GGGAGAAGAG	AATAGTCGCA	AGGAGCCCCA	CCGATTTAAC	TCAGGGTTCA
642451	GTGTGGTGCT	GAATGGCAAA	CAGAGAGTCC	TAAAGCCAGG	AGTCA'TTAAG
642501	ACAGAGGACC	CAAGTGGAAG	CCAACAGGGA	TCTTTCAGAA	CTCTTTGAAG
642551	GAGATCTAAG	TCAAAACTGA	GTTTATACTA	ATAAGAAGTG	GGGTGAAGCC
642601	CAAGACCAGG	CTGCTTGCTA	TGGTTGACCA	GAGCCAGATC	CTTGGGCCTG
642651	GAGCT'TGGAT	GTCTGAGAGG	CCATGATGGA	TGATCAG'TTC	T'TCCAAGACA
642701	GCAAAGGAAG	AGGTGGCCAG	GGTGTGGCGG	CTCCAGCTTT	GCTCACCTGC
642751	CTGCTGGTTT	TGTTTTAAAG	CTTCTTTTTT	CAT'TAGAGCA	GTGGTTCTCG
642801	GCCTTCCTCG	TACTGTGGCC	CTTTTAATAC	AGTTCTTCAT	GTTGTGCTGA
642851	CCCCCAACCA	CAAAATTATG	TTTG'TTGCTA	TGCCTGTAAC	CAATTTTGCT
642901	ACTGTGATGA	ACCTTGATGA	AATACTTGAT	ATGCAGGATA	TCTGATGTGC

642951	AACCCCCGTG	AAAGGATTGT	TCGACCCCCA	TGAAGGGGCC	TTGACCCACA
643001	GCATGCGAAT	CGCTGCATGG	TGTATATGTG	TTATTGTTGT	CTGAGATAGG
643051	GCCCCAGATG	GCACAGGCTG	ACCTCAAGTT	TCCAATGTCA	TAAAGAAGAA
643101	CCCTGAAC TT	CTGGTCTCCT	ATAGATAGAC	TGATTTCTGT	TTTCCTGAAA
643151	ATAGAAAACA	CAGGATAAGC	AGAATA TC TA	ATCTCTTGGA	GGAAGGAAA T
643201	TTGAATGAGG	AGGAGAAGTT	TTGAGCCAGG	GAGCAAGGGT	ATCATCACTT
643251	CCCAGCAGAA	GGTCAAGAA T	GAATTGTGGG	GTCTTAAGAG	GGCTCAGGGG
643301	TAAAGGTGC T	TGCCACAGTA	AGAGT TCAAT	CTCCAGGACC	CAAAAGTTGT
643351	CCTCACACAC	ACACACACCA	CACTGAGACA	TGGCCCTTCC	CTCCCCTGTA
643401	AATAAATGTA	ATCACACACA	CACACACACA	CACACACAAA	ACTGTTTAAA
643451	CTGGACATTT	ATATGAAGTT	AAGGAGTAGA	CCAAAATAAT	TTGAGATCCT
643501	CTGCTTTGGC	TAACAAATTT	GAAACCGTGA	AATGAGGTTT	TCTGCAGGAA
643551	AAATTTACTT	TATTAAGACA	CAAGCTTTAT	CCAGAGTTTA	AGTATGAGG
643601	GGGGGGGAG	AGGAGAGAGG	AGAGAGAAAT	CTGTTTGATG	TTATGATTTT
643651	ACTTAGTTAA	TTCAAAC TAT	TACCCAGTAT	GGT T T TATAT	TATAATCTTT
643701	GGGCATAGTC	CATGTTAGTA	ATTT CAGACT	TTGGGAGACA	GAGACCAGAG
643751	AATTGCTGGG	AATTTGGGGC	CAGCTTGGGA	TATAAAGTGA	GGTCCTGTCT
643801	CAAAAACACC	CAAAATAAGT	AAATAGAATA	AAATGCAATT	CTTAAT T TCG
643851	GTAAGATTAA	TGAGACATTA	AAAAAAAACC	CTCAAAATGA	AAAGTTTATA
643901	TTTAGGATCC	ACA TAGCATA	GTATATCAAG	ACGTATTTT T	TCGAGTAGGG
643951	ATAAAACCC T	CAGTCATAGT	GGACACAGAG	CACTGTGTGC	TCAGGGCTCC
644001	CGCATTT CAT	TTTTACAAGA	AGCCTGTGAG	GTGGGAACCA	TGCTCCCT
644051	CCATTT CACA	GATGAAGGAA	GTCGGACACA	GAGGT TAAA T	AACCCATGCA
644101	TGCTCGTGTG	GCCAGTACAT	GGTAAGCCAG	AGCTGGGCCC	CTGGTAGTTT
644151	GGCTCTAAAT	TCCATGCT TA	TGCATCACAT	GTTCTGCCAT	TGCTTGAGGA
644201	TGTAACATAG	TAGGACAGTA	GATGCTACCT	GGCTATACCA	CATCTAAGCA
644251	TGGCGGACTG	TGTGAGCCTC	ATGCTTAGAG	GGTAGCGCTG	TGTGAGCCTC
644301	ACCCTTGGAG	GTCAGCACTG	TGTGAGCCTC	ACACCCTTGG	AGGTCAGTTT
644351	CATGATGAGA	GGTCTGACGT	TTCTGTAATC	TTCCACCACC	AT T T TGT TTT
644401	GTTTTGT TTT	TAAC TTTTGA	GTCAGTTCTC	TTTTAAAAAC	CCAACATAAT
644451	CTACCAAAAA	GCCAGTCTTT	GCCAACGACA	AT TCTCAGAG	GCTTCCAGAG
644501	GCCACGGGTG	TTTTTTGAGA	GCATGGCAAT	TAT T TATTAT	GTCTTAGAGG
644551	TGACACAGCA	AGCGTAGACC	AAGGGCTCTT	CAGATTAGCA	AATAGCACCC
644601	CTGCTTTATT	AGAATGGACT	TGGGTATTGT	AACAAAAATG	CAGTGTTCAT
644651	TTCTTTTGG	ATGTTATGAA	TAATAAAAGT	GTCTCCTTCC	TCTCAGTCAG
644701	GTGGCTTCAC	GCACATCTTC	ACTGAAGATA	TGCACGTAAG	TCTCTCCGTC
644751	TTCACTTTGT	GCTCAGTGAC	TGTCTGTCAG	CTTATCATCC	TTACTGTCAC
644801	CACCATTGTT	AATACTTTGA	ATTTT TATTG	TGGGCATATT	TGGATATTAA
644851	GTAACCTGTT	GTCTTGGGAG	ACCCATTGTG	GCTCTGCT T T	CTAAGTTTCC
644901	ACTTACGTAT	GGTCC T GAGC	TATAT TATCA	TACTGTTACA	TCATTGTTGT
644951	TTACTCTTCA	CCTCCTCCAG	AACAGAGACG	CCAATGACAA	GACCGAGAGC
645001	CTCAGACCC T	TGGATGCCCT	CATATGTAAT	AAAAGCTTCC	TGGTTACCGT
645051	CATCCATAACC	CTGGAGAAGC	AGAAGAACTT	CTCAGTAAAG	GACAGGTACC
645101	TGTTAGTTCC	TTTGTATTTT	GATAAGCAC T	TAGACAGAGA	CGTGAAAACC
645151	TAAGCACCCA	CCGGGTATGA	TGGCACACGC	CTTTAATGGT	AGCATGCTGG
645201	AGGCCAAACA	AGTAGAGCTT	TGTGAGT T T T	TGAGACCGGC	CAGGTCTATG
645251	TAACAAATTA	TAGGCCAGCT	AGGGACAAGC	AACAACCCCA	AGCTACT TAT
645301	T TTAGCT T T G	TTTTTCCCCC	T TATTATTTT	ATTTATTTAT	TCATT CATTC
645351	ATTCAATTCAT	TCATT CATTC	ACTTCACATC	CTGATCATAG	CCTGCCCCCT
645401	CCTAATCCCC	TCCTCGTACA	GTCC T TCCCT	ATCTTCCTCT	CCTTCTCCTC
645451	TGAGAAGAGG	GAGGGCCCTC	CCTGGATACC	TCTGGCACAC	CAAGTCACTG
645501	CAGCACTAGG	CACATCCTCT	CTCACTGAGG	TCAGACAAGG	TGGACCCGTT
645551	AGAGGATCAG	GATCCACAGG	CAGGCAACAG	AGTCAGGGAC	AGCCCCTGCT
645601	ACAGTCATTG	GGGGACCTGT	ATGAAGTCCA	AGCTGCACAT	GTGCAATGGT
645651	AGTAGTGTCTG	GGGACTGGCT	GTGTCTCTGC	TTGCAGACAG	AGCCAGCAT
645701	GGCTGTCCCT	TGAGAGGCTC	CATCCAGTAG	CTAACC AAAA	CAGATGCAGA
645751	GACATATGTA	CAGGGGGCCT	AGGTCCACCC	CGTGTATGCT	CTTTGGTTGG
645801	TAAT TCCATC	TCTGGGA ACT	CCTAAGGGCC	CAGGTTAGTT	GGCTCTGTTG
645851	GTATTCTCTG	GGTATTCCTA	TCCCTCCAG	GTCCCCCAAT	CCTTACCCAG
645901	GCTCTTCCAC	AAGAT T T CCT	GAGCCTCACT	TGATGTTTGG	CTGTGGGTCT
645951	CTGCA TCTGT	TTTGGTTAGC	TACTGGATGG	AGCCTCTCAG	AGGACAGCCA
646001	TGCTGGGCTC	T TGTCTGCAA	GCTGAACAAG	AACCAATCCC	TGACACTGGT

646051	ACCATTGCTT	TAGTTTTTTGA	AGGGCTGGGT	ATCGAACTCA	GGGCCCTCAGG
646101	GATGCTGAGC	AGGTGCTTTCG	CACTGAGCTA	CAGACCCAGC	TCTCAAGCTC
646151	CTTGCTCTTA	AACCTCTCCC	TGCGCCTCAG	CAGGCCCTGT	CCCAGCGGAG
646201	TTGACAGGGG	GTTTATACAG	CCATGCTTTG	TGCAACTCGG	ATCACACCAA
646251	CAGAACCCAG	TTCTGTCTTG	AAGGCACACA	TACATACACA	TATCACCCAG
646301	TAAAAACCTGA	CAAAAACCCC	AACACCAAAA	AAGAAAATTC	TTAACCAAAA
646351	AAGCAGAAGT	GTTATTTTTA	ATTTTGAATT	TAAAGAAAT	ACCCTAAATT
646401	TTTTTGAAAA	GAAACTCACT	TCTTGTGGG	AAAAAAATA	GAAAATGACT
646451	TGTTTGGTTT	GTTTGTGTGT	TATTTTCATGT	ACCCAGCAGG	CTGGCCTAATA
646501	ACTCCCTTTG	TAGCTGACAT	GACCTTGAGT	TCCCGATTCT	CTTGCCCTCTC
646551	CCTCCATACT	GCTGAGATGA	CAACTGTTTG	CCACCACAGC	CCATATATGC
646601	CCTTC'TAGGG	ATCAAAACCA	GCGCCCCATG	GACTAGGCAA	GCAGTTTACC
646651	AACTGAGCTA	TGTGGGTGCT	TACGCCCTGGT	GGGTAATCTT	ATGCCATAAG
646701	AACTGAACGG	ATCGGAACCT	AAACAACACA	CAAAAAAATG	GCTCCTCAGG
646751	AGACAA'TCC	CCCATTGCCA	GCAAGATTTC	ACGGAATCA	GACAATGACT
646801	CCTGAGTCCA	GGGCTAACGG	CTCACCAGGC	TCTATTTTTA	AACAGGTGTC
646851	TCTTCGCCTC	CTTCCTAACC	ATTGCTCTGC	AAACCAAAC	GGTCTACCTG
646901	ACCAGCATCC	TGGAGGTGCT	GACCAGGGAC	CTGATGGAGC	AGTGCAGTAA
646951	TATGCAACCA	AAGCTGATGC	TGAGGCGCAC	GGAGTCTGTG	GTGGAGAAGC
647001	TCCTGACGAA	CTGGATGTCT	GTCTGTCTCT	CCGGT'TTCCT	CCGGGTAAGT
647051	GTCACAGGGC	TCTGCAGTGT	CAGAGGTAAG	ACAATAGGCA	ATTATTTTTA
647101	GGCCACACTG	GTGTCTTTGT	GGAGCTAAGT	CCAGAATGCT	CTGTGCAGTC
647151	AGCGTTTAAT	TGAAC'TGAT	CGTGGGTCTT	CCAGAT'GAA	TGGAAATATA
647201	CAATTGTGCG	GGTCTTGT'T	GT'TTA'T'T'TC	TTTGT'TTGT	GCTGCTGTTA
647251	GTAGTCCCTA	GGGTACATAT	AATTCACGTA	GGGCTCTCTT	GGGTAAGATT
647301	CTTATATGCG	AGCTCATCTT	CTTATCTTAG	TTAACACCCT	TGATTCTGCT
647351	AGCCTATGTA	GGAAAACGTC	CCGAGACCTG	AGACTGT'TTA	AAACGCTGAT
647401	GAGCACAAAC	TGTTCTTGAG	TCCTTTAAAA	CATGTTGGAA	ATACTCATT
647451	CTCACTGGCA	CACTGGCAGC	TAATGACGGT	CCCTTCTTCC	CAGGTGTTCA
647501	GCAGTAAAGC	AAATCCCCAA	AGAGCCTTCT	GTCCCTCCGAG	TTCACTTTCT
647551	TGAAGTGACT	ATGGCATATG	GTTGAAT'TTC	ATTGAACCTT	CAAATCT'TTC
647601	AGAGTCCAAA	CTTTCTATGA	GCATTGGAGC	CCAGGGCTGG	GTCTGGAGTT
647651	AAGACGGCTC	CATCGCTTCT	TGGCATGTTA	CCTGTGGAGT	TAACAAAAGA
647701	TGAATATCAT	TGGGCTGTTT	TGAAGCCCAG	ATGAGCAGGA	GTACACCA'TT
647751	TGCTCGGCAC	TGAGTAAGAA	CCCCATAAAT	ATTGGCCATT	ATTATAAAAT
647801	ATTAAAAATGA	AAATCAGGGT	GTTTCTGTTG	AACATGGTCT	TTGTTGTTCA
647851	CTCTGAGGCC	CTGGGATGGA	GGGAGGTTCT	TATCCATCTT	TAACCTCACC
647901	AGCCGTCCAG	ATTCCAGCAA	AACGGCATAA	TTGTGTATTT	GCAGCTTGCT
647951	TCAAAATCTA	AT'TAAACCCT	GAATAAGATA	CAC'TGCTATG	CCACAGGTTT
648001	TAACAGGGCT	GCTTAAGCTG	AGATCCACAA	GCAGCACTTT	AAATTAGACT
648051	GTGCCTAGTT	TAATGTTTAA	TGCAATCT'TA	AGAGTAGATA	CGCAACATTT
648101	AAAAAAAATT	TTTTTAACTG	ACTTTTCCCA	CTCCCAAGGC	AATGGCCGTT
648151	TATTAAGATT	AATGAAATCT	GCCTCC'T'TT	CTGTTTACTT	GGTATATATC
648201	ATCTGCTCTG	GGGATGTGTC	AAGTGGTTAT	TTCTGGAGAG	AGCTGCCTTT
648251	GGGCCCTCCCT	GAGGCTGGGT	GGGTGGCCAC	TGCTGAACAC	AGGTGCTAGA
648301	CCCTCT'CCCA	GGTTCCCAGG	TCTTAATCCT	CAGCTGACCC	TAAGCCAAAA
648351	GCCCTAGAAT	GGCATCCACC	AGTCTCTTCT	CTAAAAACTC	TGTGGCTAAT
648401	GTGTACAATG	CTCAGAGGAA	ACAGAAAGCA	AACACGCACC	CTGAGGTTTTT
648451	GTTTAAAACC	AGTAAGCTTG	CTTGCTATCT	GCGTCCATTC	CCCAGCGCCC
648501	CAACCCACCC	AGCTGCCTGA	GTCCCCCGGG	TTAGCGTGT	CACTGTGGAC
648551	ACTGTATCAT	TTTGTGTGCTT	GTGTGTTTCT	GGCTTGGTGT	CCATTCACTG
648601	GTAAGTCTAC	TGGT'TTGAAA	TTCACTCCCA	GCTCT'TCCCT	ACCAGGAACT
648651	CGCAGGAGCT	GCT'TTTAGGC	ATGAAAGGGG	AGAAGTGTTC	AGAAAAATCT
648701	GGGCTCCAAG	CCCAAGCGGC	CCCCTTGAGC	AAAGCATTCT	GGGTCAAGAT
648751	TTCTTCTCTG	TGCTGATTCA	AGAGTGTGTG	GAACACTCGG	TGGTGAGGGG
648801	GGAGAGCGGC	ACGGTGCCCC	AGAGGAAGTG	GCAGCCAGCC	AGTCTTGGGC
648851	GGGAC'TTCA	CTTTCACTGG	AGAATCCCT	CCAGTTATCA	AGGGGCTTGG
648901	GGGGCCTCCT	CTTGCCCTGC	TCATTGATGC	TAAGCAGGTA	GCAACCTTCA
648951	GGTGAGCTCC	CTTCCCAGAC	TCCAAGGCCT	GGTAGGGACA	GATATGACAG
649001	TTGACATCTA	TTAAGCACTG	CTGT'TGGCTA	TACATCAGAC	ATCAGGCCAA
649051	GAGCTTGGAT	TATCTTTTCT	CATTTAACCC	TTAATGGTCT	GCAGAGGTAA
649101	GTACATTTAT	GGCTGT'TTTG	CCTATGGGGG	CTCAAGACAG	ACAGAATAGA

649151	TGTGATTCTG	TAGGTCCGAG	GGTAGCGAGG	ATGGTGCCAG	CCTCTGAATG
649201	AGCTGATAGT	CAGCTCTGGT	CTGTCTATCTA	AAGAGAGAAG	ACA'TGTCCCC
649251	CAACAGATGA	GACATACAAT	TCCTTGTGTT	AGTTGACGAC	AAAGAAATCT
649301	TGTGGCCTGG	TGGTTTCCTA	GGCTAGTCAG	TGTCTCTAGA	AAGGTTTTTC
649351	AACCTGCCTC	TGCTACCGAA	ATCTAGGTTG	AGTAGGTATC	TATGTGGCAC
649401	AGGGTAGGGG	ACAGGCACCT	AAGTTCTTAG	GGAGATCCTT	AAAAGATGCT
649451	GGAGGTGACT	CGATAGGGCT	AGAAGTGAGG	GCCCGAGGGG	CAGTGTGAAG
649501	CCATATGTCA	CCAGCTCCAT	TTGGGGAATG	CTGGAAAATC	CTAACTAGAG
649551	AGCCCTTGAG	CCAGTGGCTG	TTCTCTGCCC	CAGCCCTGGG	GGTCCTGGCT
649601	GGCCTCTGCG	TCAACCAATG	TGGCCAACCC	AGTCCCCACA	CAAGGGCCCT
649651	TGGTGTGTCT	CTGCCATGTG	TAAGAAAGGC	AGAAGTGAGG	TTCTTAGGTT
649701	TGTGGTCAGG	CCCTTTCCCA	AGGGGCTGCA	CGGAAAGCAG	ATCTCGGTGA
649751	GATAATGAAC	CATGAAATAA	AGGAAGTTTC	GTATGAGAAC	GAAATGTCAG
649801	GTACTGGTCC	CCCTTGCCCC	ACCTTGGAAG	CTTCTGAACA	TCCCCCTCTC
649851	TGTCCCGCAT	CAGGAAGAGG	CTACTCGCTA	CTGTCCCGCA	TCAGGAAGAG
649901	GCTACTCGCT	ACTTGGGGAG	TTGTTCAGCAG	AGGGGAGAGA	AGCAAAGAGA
649951	GGCAGGGAGG	AAGTGGACCA	GGAGAGGTAG	AGGGTGGCAG	GAGACCAAGG
650001	GAGGGACCTG	TGCTTGGAGG	AAGTACAAAG	GCAGAGACAG	GGGTGAGCGG
650051	AGAGGTTAGG	GGAGGCCCCA	AAGGGTTGTC	GGTAACCCCTC	CTGTTTCACAG
650101	GAAATCAGAC	AGAGAGCCAG	AGGGATGCTC	CTTTCGAAGC	TGAATTAGTT
650151	AGCTCTGCAG	ATGAACTTGG	TAACATGGGG	GCTCCAATTG	GCTCCAGGTA
650201	ACTACTGTTT	CATCTTTACT	AAGGCACCTC	GGCTTGGGAG	GAGCCCTCCC
650251	CTTTCCCCCA	CCAGGCCTAG	TGTCCATGGA	TCCTGGAAAC	CTCATTTGTTT
650301	AGGGGGAACC	GAAACTGCCC	CAGGGCTGCA	TGCCTCAGCC	GATGGCAGGA
650351	AGCAGAACAC	AGCCTATACC	TGAAC'TACCC	AATGTCCCTT	TGAACATAGT
650401	GGCTTCAAAT	CTGGGCCATC	AAAACCCCTT	CCCCCAATTC	AGTGGGACGT
650451	GTTTCACAGGA	GAGGGCTGGA	GACAGGGACC	CTGGGACCAG	CCTTAGAGGT
650501	TCAGGGAAGG	GAATACTGCC	CATCTGACCT	CTGAACCGTG	CAAGAGGTGT
650551	CTGAATGATA	AGGGCCAAGG	GCTGGCACAT	GGGCAGGACA	ACAGCTGAAG
650601	TGGAGGCCAC	CTCCATCGCT	AAAAGCAGTT	GAACACTGAC	AGGCCACCCT
650651	CCACAGCAAA	TGTTTAAAAAC	ATTCTTGCAT	GAGTCCCTGT	TGCCAAGACT
650701	AAGTGTGAAG	CACTTTTTTT	TTTCTTAATG	TCGCTTATTT	TTGGTTTGCA
650751	ATTAAACGGG	CACGTAAACA	AGGTTATAAC	TCTACCTCCG	TGAAC'TGCTC
650801	TTAGGCACCA	GCCTACTGAT	GAGCACAAGC	CTGCCAGACA	GGAACTTAAA
650851	CATGAAATTA	AGGGGGGCTT	CTACTGGATA	CCTCCCATAG	TGTTGGGGGT
650901	GGGTGGGGC	TGCTGCATGT	GCATAGTGTG	CAAGAAGGAG	TTTCCCTGGGT
650951	GATGTGCTGC	GCGT'TTCCAC	GGGCTTTGCA	TGTTGATTAT	GAGTGAATAC
651001	TGCTGCCTGT	CACTCGTGGT	ACTACCGTGG	GCTTCAGAGC	TAAC'TGTTGC
651051	TTTTGCAACT	TTTTCCAAGG	AGACTGTTGG	AGAGCCATTC	TATTTGCTGG
651101	TGACGACCTT	GAACCAGAAA	ATAAACAAGG	GTCCCGTGGA	CGTGATCACC
651151	TGCAAAGCGC	TGTACACCCT	GAACGAAGAC	TGGCTACTCT	GGCAGGTTCC
651201	CGAATTCAAC	ACTGTGGTAA	GCTTGCCCCA	AGCGCTCCAT	CCGACCCAG
651251	ACGGTGGGG	TAGGTGGGAT	GGGGGGAGGG	TGGGTCCCTCC	TGACTGTGGG
651301	AGGCCCCGGG	GCATCCACAT	AATTGAAAGC	AGTAGTTGAT	AAAATATTTAA
651351	CACGTGTTCC	CATAATAGAT	TTTAATTCCCT	TGGGTTGGGG	AGGGAAGCGC
651401	CGTGACGATG	CCTGGGATAC	TCGTCAATTT	CCAAAGGTTT	TAATATCGGG
651451	ATTGCTTATA	GCTTTGAACA	TCGTCAAAGG	AAATGCAAAC	TGCTCCCTAT
651501	TCCGCACTTA	TAATTGCAAT	CAGAATTTCT	CAAATGGCTC	TGCTTGGGGA
651551	AGACAATGTG	TGAAGAGATA	TTTCAACCCA	AATTGAGGCC	GTCTTATTTT
651601	AGACCGATAA	CACAAGACAA	ACTTCTCTGT	GTTCCCATG	CAACACGACG
651651	CCTTCCTTTA	TTATTTCCAT	GGATTGGTTA	CAAATGTTTG	CTGTACGCA
651701	CTTAATGTAC	TGTGATCTCA	TAGATATTTT	TAGAGGAATG	CTGTAGATCG
651751	CTCCAGCAGG	GTGACGGGGC	TAGGCTGCCT	GAGAGTTTCA	AATACTGAGA
651801	GCTTCCTTTT	AACCCATTCT	GGCGCCAGCC	GCCCTCAATC	ACCCCCAGAG
651851	AAGGAGACAG	TACTTCGGGG	CCTTTCAGGA	GTTTTGTGGC	AGAAGCCCCA
651901	CATGGAACAT	GTCTTCCATA	CGGCTCAGGA	GCTTTCGAAG	CTTTTCCATC
651951	ATCGTCAACT	TGAGGAAAGG	CTCTGTAGCT	TTGGTTTGAC	TTT'TAGCTCT
652001	ATGAAGACTC	TAGACTTCTT	TACCATCTTA	TTAGTGGACA	TGGAAGAAGT
652051	AGATTCCAGT	GGGATTCAGG	AATTGCTCAC	TGGAGAGCTC	AGGCTCCTGT
652101	GGCTTTGCTC	TGGGTGGTGA	GTCCTGTGCT	ATCATTCCTAG	AAGAATTCAC
652151	TCCCTAATTG	AAGAAGGCAC	CACTGTGCTA	TGGACCGTAT	TATGGTTATG
652201	TCATGGCTGT	GGGTGAGGAG	GAGCCAGGAG	ATCAGCTGTT	TCCAGTTTCT

652251	TTCATCTGTG	TGTAGCATCC	CCATGGCTGT	GTGCTCAGCA	GAGCATGGTT
652301	CCTGTGGATA	ACTGTCAGCA	CCTGTGGGGT	AGGGCAGTGT	TCTCAGGCTT
652351	TAGCATGGTG	GCACTGTGGC	CCGGACAGTG	TTAAACACCC	ATTGTTAGGT
652401	GACCCTAGAT	GCAAGTCTGG	GGTATGACTT	AGGGTTTGCA	TTTCTTTCAA
652451	TTTACTCTTT	ACAACATTTA	TTTATTTTTA	TTTGATGTAT	ATAAGTATCT
652501	GCCTGTATGT	ATGAGTTGCC	ATGCGGGTGC	TGAGAACTGA	ACTTAGGTCC
652551	TCTACAAGAG	AAGCCAGTGC	TCTTAACCAC	TGAGCCATT	CTCCAGCCCA
652601	GATTTATTTA	TTTTTAATTA	CTTGTATGTG	TGTTGTGTGT	TATGCACACG
652651	AATGTAAGTA	TATATTTGAG	AACAGAGGTA	TCATATTA	CCAAAGATGG
652701	TTGTATGTAA	CCCAACAAGA	GTGCTAGGAA	CTGAATTTGG	GTCTCTTTCG
652751	AGAACAATGC	ATGCCCTTAA	CCACTGAGCC	CTCCAGCCTT	AGGATGTGCA
652801	TGGTTAAATAT	TCTCCTCAGG	CACTACTTGA	GAAGTGTGG	CATGGGGGTT
652851	AGGAACCTGG	GTTCTGGAGC	CAGGCAGGTT	TGAACCTTGC	CTCTCCCACT
652901	GGCTAGCTGT	GTGACACTGC	TGAGTCTCT	TCACTTGCTA	TGCCTTCTCA
652951	GTCTCCCTGA	CGATAAAGAT	CATAATCATG	ACGGCCCATC	TCTTGGGGAT
653001	GTGATAAAGA	TTAAAAGAGT	ATCCAGCACA	CAGGCACACG	CATGCATCTG
653051	TGCATGCACA	TTGTCTTAGT	TAGGGTTTTA	CTGCTGTGAA	CAGACACCAT
653101	GACCAAGGCA	AGTCTTATAA	AAAAACAAC	AACATTTAAT	TGGGGCTGGC
653151	TTACAGGTTT	AGAGGTTTCA	TCCATTATCA	TCAAGGTAGG	ATCATGGCAG
653201	CATCCAGGCA	GGCATGGTGT	AGGCAGAGCT	GAGAGTTCTA	TGTCTTCATC
653251	CAAAGGCTGC	TAGTGGGAAG	CTGACTTCCA	GGCAACTAGG	ATGAGAGTCT
653301	TAAGCCCA	CCCACAGTGA	CACACCTATT	CCAACCAGGC	CATCAGCTCA
653351	GATAGTGCCA	CTCCCTGGTC	CGAAAAATA	CAAACCATCA	CACGCATATA
653401	CACACAGACA	TGCATGCCCA	CATACAGAGG	AACATAGTCA	CGTGGGGATC
653451	CTCAGTTTCT	TCTCTACTGT	CTCCTTTCTC	TCCTTATGGT	CTTTCCTGCT
653501	GCTCATCCAC	CAAGCCCCAA	GCAGTACGTG	GGCCCCAGCA	GTGTCAGCAC
653551	CGTGCCCTCT	GCTTTCTAGA	ACTGTGAAGT	CAGTCAGTCC	CTTCCCTATA
653601	CAAATCACCC	AGCTTCGGGT	GAGGCCAGTG	TTTGGGTCTA	ACAAGAGAAG
653651	GCAGCCCTCA	CAGGGGTCTT	AGGGATAAAG	GTTCCTAAGT	AAACGTAGGT
653701	TTGGGGAATC	CAGCAAGATT	TCTTTTTCATG	AAACACATTG	CATCAGACCA
653751	GGAAGAGAAG	AAAGGAGGTG	GGCTGGGGGG	AAGGGGAGGG	AGAAGTCAGC
653801	TGCCCCAAAC	AACTTTTTCAG	GTTACGGCGT	TCCAGCGCTT	TCTGTCTGAG
653851	GACTTTCTCT	CCCTTTTCATT	TGGAAGCGTT	ATTTATTTCA	CAGTCAATTA
653901	GGACCATGTG	TTTCTGATTT	GTTAGGACTC	AACTCATCGT	CAAAATGTTA
653951	CTTGATGTTG	AAGAAATTCG	TGTCGACTCT	TGAATTTTTT	CCCCTGTTAT
654001	AGCCTCTGGG	GGAAATGCAA	TGGGAAATTA	AATCTCTGCA	CTGTCTCTCT
654051	CTGATTCATC	TGCGGTGGAT	AGAGTGGAGG	CTGGCAGAGA	GGTGGGCCCT
654101	AGCTCCTAAG	GCCTTTGCCT	TTAAGAATGA	TTTTTTTTTT	AAACTGTCTT
654151	TTGTTGGACC	TGCTCCAACC	TCTCTTTCAT	GGTGGCTGAT	TAAACTAGAA
654201	GCTAGAGAGA	AGGCACATGA	TCCAGTCAGT	CTAAGCTTGT	GTGACCAAAA
654251	AAAAAAAAAA	TGTTACCGAG	GGTCAATATG	AAAAATTTAA	GCATTTTCAT
654301	TTCTTTTCAT	ATAAGTTCTC	CCAACCTGAA	CCACCCTGTT	TCTAAGTTTC
654351	CCCCCTCTTC	CCTTCCTCCC	CCCTCCCTTT	TCTCCACTTC	TCTCCCCCCC
654401	ACCCCTCCAG	GCTACACTCC	TGGTGGTTTG	CAAAGCCTTG	CTACATTTGC
654451	CTGAGGTGGT	TTATGTCATT	GAAGACTAAG	GTGTTGTGAA	CATACTGGAG
654501	AGTGTGTGTG	TGTCCCTGTT	CTAACAAGGG	ACATTAGAAA	GCTCTACAAG
654551	AGTCACAGGA	GCAACTTGAA	ATAGAAGAAT	GTGGTGCCAT	GGCGGGCCCC
654601	ATTGGAGAAA	AAGCCCGTTG	GGATGCATGC	TCAGAAACAG	CGCCTCACAC
654651	AACAACTCT	GAGTTAGGTT	TCACACCTCC	TAGGTTAGAA	TGTTTTCTCT
654701	CTGAGGTGTA	GGGTGTTTTC	TAGAACATAG	AGATGCACCT	CCAGTTTCTT
654751	GTATTTAAAA	CCCTTATACT	ACCAAATCGC	TCTGGAAAGT	CAGATGTCTT
654801	TCAGCCCATC	TTGAGAGGAT	AATGCCTGAG	TTGCCTTCAC	AAAGCCCTTC
654851	ATAACCACCC	TGGCTCCAGT	ACCAGGTGCC	CCAGACCGGC	ATCTGGCAAG
654901	TCGAATGGTG	CCAATCTCTA	TTCACTCTCT	GATGCTTAAG	GGGAGATTGT
654951	GTCAATCTTC	ATACGACACC	CTAGACTTCC	TTAATGTGT	GAGGAGATTG
655001	CCCTAAAGGG	AAAATGCTTG	CTATACAGGC	ACGATGACCT	GAGTTCAAA
655051	CTCCAGTACC	CATGTTGAAA	TTAGTCATGG	TGGCACACCT	GTAATCCCCG
655101	TGCTAGGGAT	GGAAACTTTC	CTCTAGCCCC	GGGTTCAGTA	AAGGACACTA
655151	TTTCCAAAAA	TAAGGTGGAC	ACTTGATCCA	GAAAGACTTC	ATGCTGGCAG
655201	GATAGCTAGG	CTGGTAAAGG	TGCTTGCTGC	CAACCTGAGT	TCAGTCTTTC
655251	GGAGCCACAT	GGTAGAAGGA	CAGGGCCTGT	CCCTGAAAAT	CAGCCTCTGC
655301	TCTCCTCATG	CACACTTAAA	TTAATACATA	AATGTAAITTT	AAGTTTCAGAG

655351	TCACCTACAG	CTGCGTGCCA	AGTTCCAGGC	TAGTCTAGAT	TACATGAGAT
655401	CCTGATTGAA	AGAAAAACAG	AAGAGAAGAC	TGACCACTAA	CCTCTGACCT
655451	TCATACACAC	CATACCCCTCA	CATGTGTGAC	ACCCATGCAT	ACACCATTCA
655501	AGAGTTCAGA	GTTGACAGTC	AAAAGCGGGA	GCAAAACCTA	TTGATCCTCT
655551	GTTTTCTCCA	CAGCAAAACT	GAGAGCTTGC	TAAATAGTGT	TTCTGGGGAG
655601	TGCTTGGCCC	TGGCCCAACC	TCCTGTATGT	CAGGAACATG	TTTGCAGAGC
655651	AGAGGGCCTG	CATCTTGGAG	GATTTCAAGT	CCAGGAAAGT	ATACCACATG
655701	GGAGAAGGGA	CATTTGCCTC	AGTTTCAAGA	GGAGATGAGA	AAAACCAATA
655751	ACTCGTAACA	GGCGTGCTGA	ATTAGCAGGA	GAAGTTTGAC	TTGTAATCAA
655801	AGTTAAGCGA	GAAATGGTTT	TTTGAACCTC	TAAACCCAGG	AAATGAGCTT
655851	GCCAATCTGC	TGCATCGGAG	AGATAGCATC	TTGGCACCCCT	GGGAAACAGA
655901	GTTCCGACAA	ACACATTATT	ACACTCGTTC	TCATATCTGT	ACGAAAGTCT
655951	TTAAGATTAT	TAGAAATTCT	TGACAAAGCC	CAGGGACATG	CCTGCAGAAA
656001	TGCTAATGCG	TCTGTTGTGA	TTCATGGAAG	GTTTATGCCC	GTCTGTACCA
656051	AGTCAACCTG	CTCCCCGCTG	CTGCGCGTTT	GGGGACAGGC	ATGTTTAGGG
656101	CAACATTCTA	TCCTCTAACAC	AACACTGGCT	AGCCCTAGCA	GGAATTTCTG
656151	TGTGTCTCTC	TTACCTCTCT	CAAACCCCTT	TGGTCTCCAAT	TAGCTTGTCC
656201	TTCCAGAAGA	TCCATTATCC	CCGTAATTAA	ACAACCCACT	GTCCCATTAT
656251	AGCCGTTCTC	TGTTACTTCA	ATTACATCCC	ATTGTTCATT	AAGTCCCTGAT
656301	GTTTGCACCT	CAGCAATCTT	GTTTTTAATA	CTCCTAGCAT	TTGTGGAGAA
656351	ACAGTGAAGT	TAATTAACAA	TTCTTAAGCT	CTTTTTTTTT	TCTTCTTACC
656401	ATAGTGAACA	TCATTTCCAT	TATGACTTGA	GATAATACTG	AAACCATTAC
656451	TAGCTTCATA	GTTAGCTTCC	TGATCAAAGA	GTGAAACCAT	TTTTTCATAAT
656501	CGTGTTAGGT	AAGTCATTCC	CTGGTCGATG	GCAAGCTGTG	GAAAATGAAA
656551	AATTAACCTT	AAATGAGCGC	TTTCAGTGCC	GTTCCCTCTC	GTGGTCTTTC
656601	TCTTCACGCC	TATCGTCTTG	GAATTAGAGA	AATAATTFAG	TATCTCTCAGT
656651	ACAAAAGTAT	TTAATTTTCA	TCTCTGTGGT	TCAAATTAAT	TATCTTTTCA
656701	TTATTTTATAC	CTTTTACAAA	TCAGTTGCTT	TGACTACAGC	CATAGCACTC
656751	TGAACACGTT	CCATTTTCATC	TGCTCTCGGA	AGGTAAACAG	AGGCAGGCCC
656801	CCGTGACTAT	TTGAATGGGA	GAGTGGTATT	GCAAAGGTTT	GTCTTTTTTGC
656851	CGTTGTCTAT	TTCCATTITGG	TGATATATAT	AGCAGGAATC	ATCAGTCAAC
656901	AGCCTGGGGA	CAAATGAGAC	CCCTGGACTG	TTTTTATGAA	TAAAGCTTTA
656951	TTGGAACACT	ACTCCGTGTA	TTCAATTTCTG	TATTATGTCT	GGCTGGCTCT
657001	TTACTAACAA	TGGCAGAAAG	TGTTAACTTG	TCGCACCAAA	GACCATATAA
657051	ACCTCAAAGC	CTTAAATATT	TTCTGCCTGA	TCCTCAATAG	ATAATTTGTCT
657101	AGTCTTTAAA	CTGACACTTG	AAGGCGGGGG	TGGGGGAGGA	ATCTAGAATC
657151	TTCTCTCTAA	TCTGAAAGTG	CTTGGCAAAG	TGTTCTCACT	GTTTCAAAAT
657201	CTTTGCTAGC	TCTGTTCTCT	CCATTCTAGG	ACGTGCAAAC	ATGCTAAGTA
657251	TAGAGAAACT	GGTCACAGAA	ACAAAGTGGG	GCCAATGCCT	TTCTCACCTT
657301	GTCTTGTTCA	GAGGACAAAG	GCTTTCTTCC	ACACTTCTCT	GCCCACCTGT
657351	ATTCTGTGAG	AGGAGCAGAC	TCCCTAGCTG	GGAGCTGTTG	TCTATCCTTG
657401	ATGCGACAGG	AGAGGGGGCT	GGACATGGTA	GGAGGCGGGT	GAGCATGGGT
657451	TAGGGAGACA	GTTGAAGGCA	GGGAAGGCTT	GTGCAGGGCT	GAGGGACAAA
657501	CTGTTGAAAC	CGCTTGGAAC	GCTGGCTATA	CTGAGCAAGC	TGCAGCCTTT
657551	CTGAGTTTGG	TACATGAAAG	AGACTTTTCT	CTTGACTTTC	ATTTGGCCCT
657601	GAAATGAAAT	TAGAAATATA	TTTTATAGCT	TTTATTTGAA	GAGAACAATT
657651	ATTGCTCAAA	GACCATTTAT	GACAAAGTTG	CTGGTTTGTA	AAAAAAAAAA
657701	AAAAATCCTT	TATAGGAATT	ATAGGGTATG	TCAGCAAGGA	TGTGGCTTGA
657751	TCCAGCCCTT	GTTAGCCACA	GATATGTCAG	AGAAGCTAAG	CAGGTGACAT
657801	TATAGACCTC	CCCTGGGACA	GGGTCTCTCC	CATATTTCAGT	TTATCCCAAG
657851	AAGCCTCAGT	TTTTTGTGTT	CTCTATACCT	CAAGCTGGAG	AGAACCACTA
657901	GCCAAGTAAG	AATGTGTAGT	TATTCACCCA	TGTGCTGTGG	GGCTAGGGTC
657951	AAAGACATGG	GATTTAGGCT	CTGAGAGTCC	TAGGTAATGAA	ATTGGTCTTG
658001	GTCCATTACT	GTGTGACTTT	GGGCAGGTCA	CCACCCATCA	GCCTATTTAT
658051	TCATCTATGA	ATAGTTGGTG	ATAAAAGCCT	AACCTTGTAG	GTTTTTGTAG
658101	GTAACCTTTC	TGACTTGTGC	TAAAGTCAGA	AAATTAATGT	TGTAACACAT
658151	CTACTGCCTT	TCTTGGCACA	GAGGAAGTGG	TCATTCTTTG	TGACAGTGT
658201	TTTCTTATCA	CCTTTAAGGT	ACACTAAAGG	GAGGTCTCTC	CTGTGGTCTC
658251	TCTAGTTGTT	TTTTTATTGA	TGATAGGTGA	GGTAGGGGAA	CCAGGTTAGC
658301	TAGCTCTGTC	ATCATGATAA	ACACATCTGA	AATTCCCATG	TGTTGTGTTA
658351	GCTCTGTACC	AGGTTACACA	TGCTTCCTGT	GTTTGGGCAC	GGACAACCAA
658401	ATGGCAGAGA	ATACCCCTGAT	AGGCAGGGCA	GGAGTTGACA	GTGGTAAACC



658451	TGAACAAATG	TCTAAAAGCC	GCTGCCCTTGG	GGTATGCTGG	GAAAAAACA
658501	GCCATTTTCA	TCCAGTCCTC	TCCTATGCAC	TGTGAGTCTC	CAGATGGCCT
658551	TGCCTGCCTG	ATGGCTTCCT	TCTGTATATA	GCTATTAGGA	AGCAGTACAG
658601	CTGTGTAGAA	CAGAGGTCCA	GATGCCCAAG	TCCAAGCAGC	AGAAAGATGG
658651	ATTTCTCCCC	AGTGTGAAGG	GCCGGAATGG	GCAGCCCTGC	TCTGGGATGC
658701	CTGCAGGTAA	CTTCTTGGA	TGAGCTGTCT	GCTTCCTCAG	CCTCTTTCCA
658751	ATTGCCACAG	CAGGACCTCA	GCAGGACTAC	ACAAGAAAGG	ACAGATGGTC
658801	AGCAGCTGTC	TTGCAAGAAC	CTTTCCCAGG	GGTTGCCACA	TAACACATCC
658851	ATTTAAAGTC	ATFGGCCAGA	ATGCGGTCAC	GTGGCCACAC	CCAGCAGCGG
658901	GGACAGGGCA	GTGCCCAGAG	GCTCCGGAAG	CTATACACAG	TAATGCTGAT
658951	CAACGTGTGC	TTCCAGAAGA	TGCACAGAGC	ACAGTTTGGT	ACTAAGCCAG
659001	AGTCAGAAAG	TCAAGCCCCC	TCTAGTACCT	GGTGTGTGCC	CACCCATCGT
659051	CTACTGATGG	AGAACTCCGC	AAGGAGAACA	CCATTCCCTAG	CCTCCTGGCA
659101	TTTCAGTGGG	AGTCTGGACA	TAGTCAAGTG	TGACCCCTTC	AGAAGCTGTA
659151	ATCTGGGA				

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